

DOCUMENT RESUME

ED 264 760

HE 018 933

TITLE Facilities Inventory and Utilization Study, Fall of 1984, for the State of North Carolina. Higher Education Comprehensive Planning Program.

INSTITUTION North Carolina Commission on Higher Education Facilities, Chapel Hill.

PUB DATE Oct 85

NOTE 202p.; Some tables are in small print.

AVAILABLE FROM University of North Carolina, State Commission on Higher Education Facilities, 910 Raleigh Road, P.O. Box 2688, Chapel Hill, NC 27515-2688.

PUB TYPE Statistical Data (110) -- Reports - Descriptive (141)

EDRS PRICE MF01/PC09 Plus Postage.

DESCRIPTORS Accessibility (for Disabled); Capital Outlay (for Fixed Assets); Classrooms; *College Buildings; Community Colleges; *Facility Utilization Research; Higher Education; *Institutional Characteristics; *Private Colleges; *Space Utilization; State Colleges; *State Surveys

IDENTIFIERS *North Carolina; Public Colleges

ABSTRACT

Results of the 1984 North Carolina Higher Education Facilities Inventory and Utilization Study are presented. Tabular data and narratives appear under four headings: utilization of instructional space, interior space characteristics, building characteristics, and accessibility of facilities to the mobility impaired. Statistics for private institutions are shown by group (major research universities, general baccalaureate colleges, and junior colleges), while individual state college data are provided. Information is included on: capacity/enrollment ratio, average weekly room hours of instruction in classrooms and class laboratories, and average weekly use of student stations in classrooms and class laboratories. Interior space characteristics and accessibility for the mobility impaired are covered for the following subprograms: instruction, research, and public service; academic support; student services and physical plant operations; and institutional administration and independent operations. Additional information covers: building ownership, capital investment for residential and nonresidential buildings, the condition of buildings, and estimated cost to renovate or replace buildings. An institutional index is included. (SW)

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STATE OF NORTH CAROLINA
HIGHER EDUCATION COMPREHENSIVE PLANNING PROGRAM

FACILITIES INVENTORY AND UTILIZATION STUDY 1984

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The *Facilities Inventory and Utilization Study* is published annually by:
State Commission on Higher Education Facilities
The University of North Carolina—General Administration
910 Raleigh Road
P.O. Box 2688
Chapel Hill, North Carolina 27515-2688

HIGHER EDUCATION COMPREHENSIVE PLANNING PROGRAM

**Facilities Inventory and Utilization Study
Fall of 1984**

For

THE STATE OF NORTH CAROLINA

EIGHTEENTH EDITION

THE UNIVERSITY OF NORTH CAROLINA
State Commission on Higher Education Facilities
Chapel Hill, North Carolina

October 1985

The Walter Royal Davis Library
University of North Carolina at Chapel Hill

(Cover Photo)

The Walter Royal Davis Library at the University of North Carolina at Chapel Hill is the largest educational building in North Carolina. It was planned over a ten-year period, built between 1979-1983 at a cost of \$22.3 million, and opened for use on February 7, 1984. Davis is the largest academic library built in the United States since 1977.

As the main building in the University Library system, Davis was designed to house a great modern research library. It contains the central research collections and reading rooms; the reference, circulations, and technical services departments; and the administrative offices.

Davis Library has a book capacity of 1.8 million volumes and seating capacity of 3,013, including closed carrels for 492 graduate students and studies for 146 faculty members. The building stands on the three-acre site and contains about ten acres of floor space in eight stories above the ground and a lower level. Several ingenious design features make the exterior conform to campus architectural style and building scale, while preserving as much green space as possible.

Inside, a striking three-story gallery 30 feet high runs the length of the main floor, illuminated by light wells and hung with ten colorful banners of historic printers' marks. The main reading room is a two-story, double-arched airy enclosure where diffused natural light creates a serene place for study and reflection. The double arch meets a mushroom-shaped window on the east wall; the resulting distinctive form has been adopted as the building's logo.

Because the building has a minimum number of interior barriers, it can be adjusted as its functions and services change. Electrical conduits are placed so additional computers and microform reading equipment can be dispersed throughout the building.

The building is named for Walter Royal Davis, a prominent businessman and Chairman of the Board of Trustees of the University of North Carolina at Chapel Hill. Mr. Davis was instrumental in convincing the General Assembly to return to the University \$32 million from the amount received for the sale of the University's utilities. These funds paid for the construction of the library, as well as for renovations to the Wilson Library (which had previously been the main library building) and the Health Sciences Library. Mr. Davis has contributed his time and money to many North Carolina colleges and universities.

The UNC-Chapel Hill Library ranks first in the Southeast and generally between 15th and 19th in the nation in the general index of the Association of Research Libraries. The Association ranks institutions by such criteria as total number of volumes, number added during the past year, number of current serials, and spending for salaries and materials. Although Chapel Hill often has placed about 24th among university libraries by number of volumes, it generally ranks higher in the index because of its recent steady growth and special features.

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(Note: Chancellors and Presidents are listed as of the publication date. The Project Officers are the persons who supplied the data used in this year's study.)

Foreword

This study, the eighteenth in the annual series of facilities inventory and utilization studies, reflects the status of space in North Carolina institutions of higher education at the end of the add-drop period of the 1984 fall term at each college. It also gives some indications of the use being made of the space and provides, where feasible, norms and historical information for the past five years to enable institutions to make their own assessments of their facilities.

Statistics for private institutions are shown by group, rather than by institution, because of the agreement made with these institutions when the project was initiated. Annually, each institution is forwarded its own data and can then make a self-assessment on the basis of these data, its historical record, group data, and the norms cited for the various tables.

The purposes of this study include providing facilities data to federal and state authorities, making data on North Carolina facilities available to other Commissions for comparative purposes, and providing participating institutions with data which may be helpful in the management of their facilities. This report presents selected summary information from the quantities of data assembled in the 1984 comprehensive planning studies.

Public senior institutions; community colleges, technical colleges, and technical institutes; and private institutions throughout the state have cooperated fully in time, energy, and funds to provide data for the studies. The participating institutions are listed in the preceding section. The gathering and review of data for the studies have been accomplished through the joint effort of the agencies providing membership to the Facilities Technical Committee.

Special acknowledgement and appreciation are expressed to the following individuals for the cooperation and contributions: Philip Albano and Julian Wingfield of the Department of Community Colleges, Ralph Byers of the N. C. Center for Independent Higher Education, William Kirkland of Duke University, James Pierce of N. C. Central University, and Allen Waters of The University of North Carolina-General Administration. The Project Officers of the participating institutions deserve special recognition for the tremendous job they have done in providing the basic data for this study.

The Commission staff also expresses appreciation to members of the Facilities Advisory Committee for their advice and counsel through the years.

Charles L. Wheeler
Director

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Introduction

The efficient use of campus facilities is of increasing concern to most colleges and universities. This concern is partially a reflection of the high costs involved in constructing and maintaining buildings, but it also stems from a broader recognition of the importance of facilities planning. The effective allocation and utilization of space is essential if an institution of higher education is to maximize its resources in accomplishing its objectives in the areas of instruction, research, and public service.

The primary purpose of the Facilities Inventory and Utilization Study is to provide higher education administrators with a detailed statistical profile of the facilities of their own campuses and of the other colleges and universities in North Carolina. The study also presents data which can provide the basis for comparative assessments of the extent to which space is used for instructional purposes. In short, this publication is intended as an important analytical tool for use in facilities planning. It is published annually by the State Commission on Higher Education Facilities, which is part of The University of North Carolina-General Administration.

Institutions Included

The study provides data for 114 institutions of higher education in North Carolina. This universe includes all of the sixteen public senior institutions which comprise The University of North Carolina, 40 private non-profit colleges and universities, and the 58 public two-year institutions which represent the Community College System. In addition, data are provided for North Carolina Memorial Hospital, a part of The University of North Carolina. All proprietary institutions are omitted from the study, as well as two Bible colleges (John Wesley College and Roanoke Bible College) and a theological seminary (Southeastern Baptist Theological Seminary). The participating colleges and universities are listed by type of institution on page v-x, along with the name of the President or Chancellor and the Commission's project officer for each school. An alphabetical listing of these institutions, including mailing addresses and other information, can be found on pages 198-200.

At the request of the participating private colleges and universities, individual data for these institutions are not printed in the study. Instead, totals are reported for the three principal categories of private institutions: major research universities, general baccalaureate colleges, and junior colleges. Each private institution is provided with facilities data for its own campus in order to enable it to make comparisons with the relevant group totals in the study.

Because of the unique facilities requirements of medical schools, data for the Divisions of Health Affairs at East Carolina University and the University of North Carolina at Chapel Hill are listed separately from their parent campuses. For similar reasons, the Higher Education Facilities Commission began in 1983 to list separately the data for North Carolina State University's School of Veterinary Medicine. It should be noted that the Veterinary School was first reflected in the study in 1982, but its data that year were not listed separately.

Types of Data Collected

The study is divided into four sections which reflect the four broad categories of facilities data which are reported: the utilization of instructional space, interior space characteristics, building characteristics, and accessibility of facilities to the mobility impaired. The section on the utilization of instructional space provides ratios, percentages, and indices which relate the amount of instructional activity at an institution to various categories of campus space. The section dealing with interior space characteristics statistically describes campus space by its uses and the programs to which it is assigned. It also provides data, relating the size and capacities of classrooms and class laboratories. The building characteristics section focuses on such data elements as building age, condition, and replacement cost. The final section describes the amount and type of campus space which is accessible to persons who are confined to wheelchairs.

This study is designed to provide only a "snapshot" of institutional facilities at a particular point in time. Facilities data reflect all buildings which were completed as of October 1 of the year of the study. Utilization data reflect only the courses which were under way as of the drop-add period of the fall term. The data do not take into account any instructional activity that occurred during the spring semester or quarter.

It should also be noted that different types of institutions will often have very different space needs. As a result, two institutions with facilities which are equally well-utilized may have significantly different utilization data. Thus, it is generally unwise to attempt to make comparisons between two institutions which are dissimilar in terms of their levels or the instructional programs which they offer. Peer comparisons provide the most reliable means of assessment.

Procedures Used in Collecting Data

The Higher Education Facilities Commission maintains an annually updated, computer-based facilities inventory of each institution included in the study. A facilities inventory is comprised of

a Building Characteristic Report and a Room Characteristic Report. The Building Characteristic Report lists and provides detailed information about each building on an institution's campus. The Room Characteristic Report lists every room in each building and provides information about its size and capacity. Each room is also coded to reflect its use and the institutional programs which it supports.

Each fall every institution supplies the Commission with a list of changes in its facilities inventory occurring since the previous fall. Most of the colleges and universities provide these data by annotating a copy of their previous year's inventory. An institution may choose, however, to provide its facilities update data by supplying the Commission with a computer tape of its current facilities inventory.

Space utilization data are based on the annual submission by each institution of a list of its fall term courses. For each course, the institution provides information indicating when and where the class meets and the number of students enrolled. Many institutions provide these data on computer tape. The others supply their utilization data on computer printouts or on specially designed utilization forms, and the Commission keys this information onto computer tape. Each institution's course data are run against its updated facilities inventory to generate the Instructional Space Utilization Report. The report indicates how effectively an institution uses its facilities and measures its need for classroom and laboratory space in relation to comparable institutions.

Schools which need help in updating their facilities inventories or compiling utilization data are given technical assistance by the Commission staff. Questions are answered by telephone, or if a problem is particularly complex, a campus visit is arranged. The Commission staff also assists institutions by taking the measurements of new buildings for which the institutions have provided blueprints.

Both the facilities inventory updates and the utilization data from each school are reviewed carefully by the Commission staff. Extensive computer edits are also used as a means of ensuring accuracy and consistency. When problems are discovered, the institutions are contacted for additional information or corrections.

Every year each institution receives two copies of its updated Building and Room Characteristic Reports and its Instructional Space Utilization Report. Also provided are two copies of the Building Data Summary Report, which analyzes in detail the institution's building data, and ten statistical tables which describe the institution's assignable area and its accessible space in terms of their use and the programs to which they are assigned. The reports and tables are also supplied to the Finance Division of The University of North Carolina-General Administration (UNC constituent institutions only), the Depart-

ment of Community Colleges (two-year public institutions only), and to the Office of State Property of the Department of Administration (UNC constituent institutions only).

The Facilities Inventory and Utilization Study is based on the data contained in these tables and reports. It is distributed to the president or chancellor of each institution, the Commission's institutional project officers, the Higher Education Facilities Commissions in the other states, the libraries of the participating institutions, and the members of the Commission's advisory committees. Copies are available without charge to persons who request them.

Limitations and Special Situations

This study contains reliable and useful information concerning the facilities of colleges and universities in North Carolina and their utilization for instructional purposes. It is important, however, to note two limitations in the data provided.

Although campus facilities would generally be viewed as including such things as parking lots, tennis courts, and radio control towers, this study is limited to data relating to buildings. For purposes of the study, a building is defined as any roofed structure. This definition does include trailers and other mobile units.

Because of technical problems in collecting course information from medical schools and related programs, utilization data are not supplied by the Divisions of Health Affairs at East Carolina University and the University of North Carolina at Chapel Hill, or by the Bowman Gray School of Medicine, the Duke University Medical Center, the North Carolina Memorial Hospital, or the North Carolina State University School of Veterinary Medicine. They are, therefore, excluded from most of the utilization tables. Separate enrollment figures are provided for these divisions, however, and Table 2 includes utilization data for the Veterinary School and the two Divisions of Health Affairs at public institutions (although these data are excluded from all totals).

Special situations exist at several institutions which create problems in reporting utilization data. The following changes in the utilization reporting procedures have been made to reflect these situations accurately and fairly in the data.

The campus of the School of the Arts is used to instruct secondary school students as well as students at the college level. To reflect this fact, the high school courses conducted on that campus were also considered in calculating student clock hours for that institution. The high school students were not included in the full-time equivalent enrollment figures for the School of the Arts, however. This has the effect of significantly underestimating

the total utilization of academic space at the School of the Arts as reported in Table 2. It should also be noted that the programs conducted at the School of the Arts inherently require significantly more space per student than at other constituent institutions of The University of North Carolina. Comparisons of this institution's utilization with that of any other college or university would, therefore, be misleading.

Western Carolina University conducts a number of courses on the campus of the University of North Carolina at Asheville. Beginning in 1981, the student clock hours of UNC at Asheville reflected these WCU courses, as well as courses for WCU students sponsored by UNC at Asheville and conducted on its campus. Full-time equivalent enrollments of the WCU-sponsored courses at UNC at Asheville are, however, credited to WCU rather than to UNC at Asheville.

Gardner-Webb College offers classes on the campus of Mitchell Community College. These classes have been included in the utilization data for Mitchell but are not reflected in the full-time equivalent enrollment for that institution.



UTILIZATION OF INSTRUCTIONAL SPACE

TABLE 1:
CAPACITY/ENROLLMENT RATIO

The capacity/enrollment ratio, often referred to as the C/E ratio, is the amount of instructional and library space on campus divided by the total fall term student clock hours of that institution. The C/E ratio relates the amount of space directly used in an institution's instructional programs to the instructional activity of the campus. It is one of the most commonly used indices of instructional utilization of institutional facilities.

In analyzing and comparing the capacity/enrollment ratios, it should be kept in mind that a relatively low ratio generally indicates a high level of space utilization. It should also be noted, however, that such factors as the level of an institution and the kind of instructional programs that it offers will affect the amount of space required and, therefore, the C/E ratio. The capacity/enrollment ratio for all institutions of higher education in North Carolina averages between 4 and 5, but the graph on page 11 confirms that this ratio varies widely by type of institution.

Instructional and Library Space

Instructional and library space is defined in terms of program codes (pages 85-88, 93-95, 102-103, 108-109, 112-113) and room use codes (page 118). It is the sum of the areas of all rooms which carry both a program designation of 11-18 (Instruction), 41 (Library Services), or 01 (Unassigned, Capable of Use), and one of the room use codes listed below, with the exception that office space is omitted from program 01:

110 Classroom	410 Study Room
115 Classroom Service	420 Stack
	430 Open Stack Reading Room
210 Class Laboratory	440 Processing Room
215 Class Laboratory Service	455 Study Service
220 Special Class Laboratory	510 Armory
225 Special Class Lab Svc.	515 Armory Service
230 Individual Study Laboratory	520 Athletic-Physical Ed.
235 Individual Study Lab Svc.	525 Ath.-Phys. Ed. Svc.
310 Office	
315 Office Service	

Because of federal reporting requirements, all space associated with academic programs in theology (HEGIS taxonomy code 2300) is also excluded.

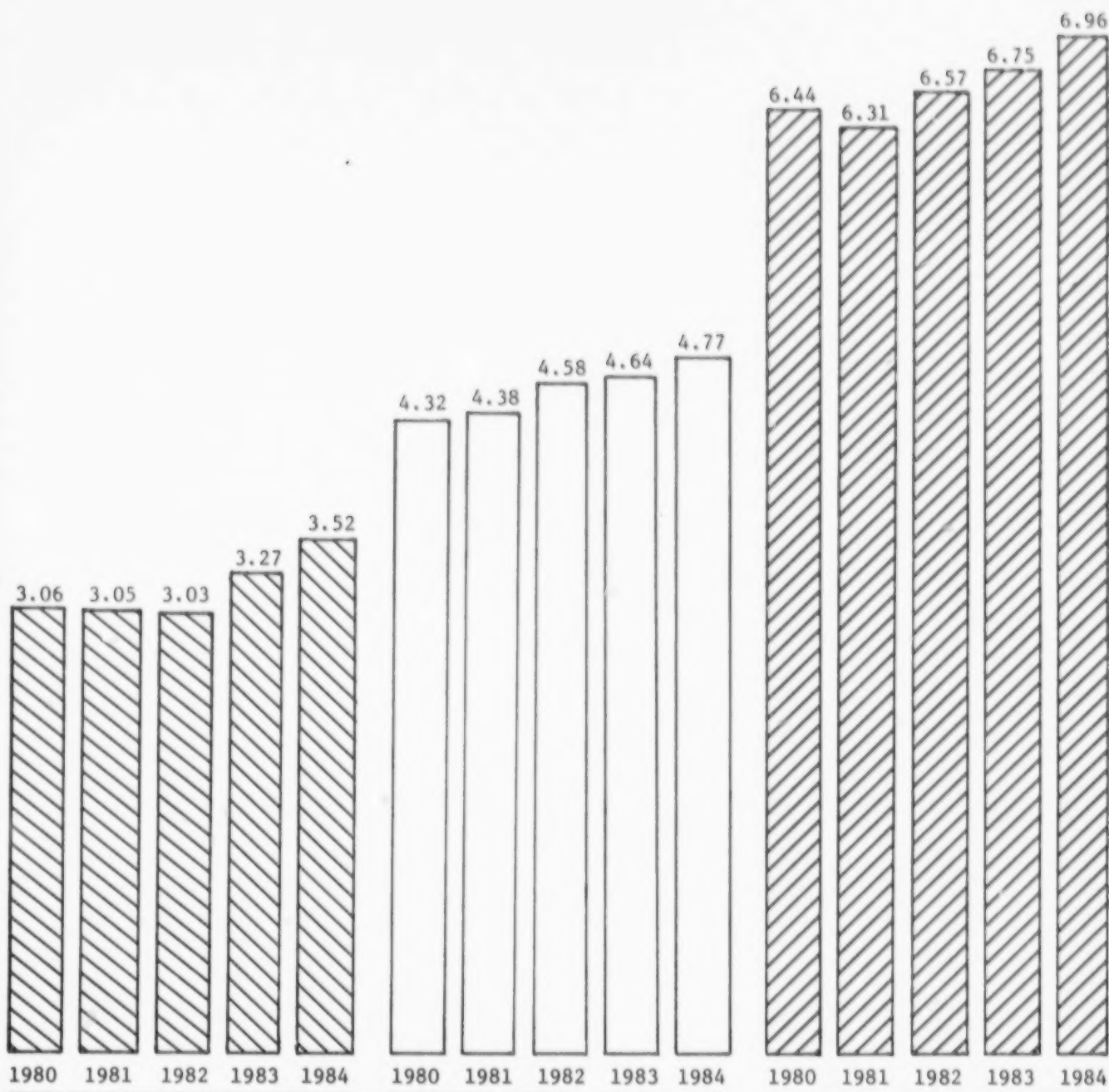
Student Clock Hours

Student clock hours is a measurement of the total weekly hours of scheduled instruction for all of an institution's students. It is computed for each course by multiplying the number of times the course meets each week by the number of hours of each course meeting (rounded to the half hour), and multiplying that product by the number of students. Thus, if a course with 20 students meets Tuesdays and Thursdays from 9:00 a.m. until 10:30 a.m., the number of student clock hours resulting from that class would be 60 (2 meetings/week x 1.5 hours/meeting x 20 students).

The student clock hours reported in this study are based upon on-campus courses, both credit and non-credit, which were in progress during the week following the add-drop period of the fall term and which lasted for at least eight weeks. More detailed student clock hour data are provided in Table 8.

$$\text{CAPACITY/ENROLLMENT RATIO} = \frac{\text{INSTRUCTIONAL \& LIBRARY SPACE}}{\text{TOTAL WEEKLY STUDENT CLOCK HOURS}}$$

CAPACITY/ENROLLMENT RATIO



Community Colleges and Technical Institutes

The University of North Carolina
ALL PUBLIC BACCALAUREATE-GRANTING INSTITUTIONS

Private Institutions

Capacity/Enrollment Ratio

Table 1

INSTITUTION	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio				
			1984	1983	1982	1981	1980
<u>Major Research Universities:</u>							
N. C. State U	1,146,766	325,065.0	3.53	3.66	3.91	3.78	3.81
Vet. Med.	-	-	-	-	-	-	-
UNC Chap. Hill	1,500,327	241,985.0	6.20	5.13	5.02	4.67	4.54
Health Af.	-	-	-	-	-	-	-
SUBTOTAL	2,647,093	567,050.0	4.67	4.30	4.40	4.19	4.15
<u>Other Doctoral Universities:</u>							
UNC Greensboro	611,132	119,265.5	5.12	5.43	5.03	5.01	5.27
<u>Comprehensive Universities:</u>							
Appalachian SU	608,135	135,239.0	4.50	4.50	4.22	4.48	3.76
E. Carolina U	629,801	174,874.0	3.60	3.64	3.53	3.43	3.37
Health Af.	-	-	-	-	-	-	-
N. C. A & T SU	509,926	79,499.5	6.41	6.32	5.59	5.27	5.58
N. C. Central U	367,937	57,389.5	6.41	5.59	5.28	5.07	5.13
UNC Charlotte	493,706	135,454.5	3.64	3.58	3.64	3.68	3.61
W'n Carolina U	504,776	87,916.0	5.74	5.83	5.79	4.71	4.78
SUBTOTAL	3,114,281	670,372.5	4.65	4.58	4.40	4.25	4.11
<u>Gen. Baccalaureate Universities:</u>							
Elizabeth C. SU	190,963	25,749.5	7.42	7.22	7.28	4.14	4.18
Fayettev'le SU	175,215	34,181.5	5.13	4.59	4.94	4.76	3.73
Pembroke SU	188,844	26,185.5	7.21	7.41	6.70	6.25	6.00
UNC Asheville	148,544	40,654.0	3.65	4.47	4.83	5.74	6.66
UNC Wilmington	244,532	77,243.0	3.17	3.28	3.35	3.08	3.27
Winst.-Salem SU	213,415	32,429.0	6.58	6.12	6.22	5.57	5.81
SUBTOTAL	1,161,513	236,442.5	4.91	4.97	5.06	4.55	4.56

Capacity/Enrollment Ratio

Table 1

INSTITUTION	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio				
			1984	1983	1982`	1981	1980
<u>Specialized Institution:</u>							
NC Sch. of Arts *	165,424	21,773.0	7.60	6.63	6.99	7.63	8.23
<u>Community Colleges & Tech. Inst./Col.</u>							
SUBTOTAL	4,996,786	1,419,880.0	3.52	3.27	3.03	3.05	3.06
PRIVATE INSTITUTIONS							
<u>Major Research Universities:</u>							
SUBTOTAL	1,215,009	174,759.0	6.95	7.01	7.16	6.85	7.24
<u>Gen. Baccalaureate Colleges:</u>							
SUBTOTAL	3,198,849	458,373.0	6.98	6.71	6.47	6.21	6.34
<u>Junior Colleges:</u>							
SUBTOTAL	544,033	78,996.0	6.89	6.49	6.09	5.86	5.60
GRAND TOTAL	17,654,120	3,746,911.5	4.71	4.50	4.33	4.23	4.25

*High school courses at N. C. School of the Arts are included in the data for that institution.

Capacity/Enrollment Ratio

Table 1

INSTITUTION	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio				
			1984	1983	1982	1981	1980
<u>Community Colleges & Tech. Inst./Col.:</u>							
Anson TC	34,283	4,127.0	8.31	6.22	5.38	5.23	4.59
Ashev'le-Bun. TC	144,955	34,665.5	4.18	3.36	3.28	3.43	3.49
Beaufort Co. CC	66,064	11,266.0	5.86	5.12	4.39	4.64	4.01
Bladen TC	37,341	5,826.5	6.41	6.66	4.82	4.60	4.23
Blue Ridge TC	70,582	17,016.0	4.15	4.34	3.98	3.37	3.29
Brunswick TC	45,708	8,983.5	5.09	5.46	3.67	4.02	2.11
Caldwell CC & TI	77,017	22,975.0	3.35	3.14	2.92	2.82	3.00
Cape Fear TI	112,325	31,496.5	3.57	3.25	2.85	3.06	3.36
Carteret TC	58,509	15,911.5	3.68	3.30	3.24	3.38	2.92
Catawba Vy. TC	118,434	28,932.0	4.09	3.45	3.45	3.49	3.50
C. Carolina TC	73,735	24,433.0	3.02	2.71	2.50	2.51	2.78
C. Piedmont CC	324,603	143,601.5	2.26	2.11	2.01	2.01	1.92
Cleveland TC	90,642	22,315.5	4.06	4.50	4.08	4.36	2.91
Coastal Car. CC	116,526	37,907.0	3.07	2.98	2.83	2.38	2.22
Col. Albemarle	64,161	15,605.0	4.11	3.21	3.42	3.28	3.58
Craven CC	76,602	27,122.0	2.82	3.50	3.35	3.05	2.26
Davidson Co. CC	106,208	29,170.0	3.64	3.43	2.70	3.08	3.25
Durham TI	99,124	36,094.0	2.75	2.75	2.16	2.34	2.48
Edgecombe TC	66,221	10,668.5	6.21	4.76	4.24	4.48	4.65
Fayettev'le TI	155,823	67,748.5	2.30	1.99	2.03	2.04	2.09
Forsyth TI	140,389	40,474.0	3.47	3.01	2.98	2.90	3.05
Gaston Col.	146,519	33,918.0	4.32	4.28	2.99	3.56	3.44
Guilford TCC	236,636	64,620.5	3.66	3.08	2.67	2.44	2.43
Halifax CC	48,664	16,756.0	2.90	3.21	2.74	2.87	2.98
Haywood TC	99,195	23,867.5	4.16	3.53	3.87	3.83	3.53
Isothermal CC	108,639	25,014.5	4.34	4.71	4.40	4.98	4.97
J. Sprunt TC	58,541	11,073.5	5.29	4.07	4.25	5.27	4.91
Johnston TC	81,748	21,134.5	3.87	3.34	2.60	2.69	2.65
Lenoir CC	114,787	32,307.5	3.55	3.60	3.15	3.12	3.25
Martin CC	77,434	10,673.0	7.26	6.54	6.31	6.19	5.52

Capacity/Enrollment Ratio

Table 1

INSTITUTION	ASF of Instructional & Lib. Facilities	Total Student Clock Hours	Capacity / Enrollment Ratio				
			1984	1983	1982	1981	1980
<u>Community Colleges & Tech. Inst./Col.:</u>							
Mayland TC	24,688	8,489.0	2.91	2.78	2.92	3.57	3.30
McDowell TC	42,284	10,932.0	3.87	4.31	3.82	4.11	4.19
Mitchell CC	92,563	20,866.0	4.44	4.34	4.36	4.20	3.98
Montgomery TC	32,644	6,573.5	4.97	4.30	3.37	3.05	3.67
Nash TC	52,671	16,812.0	3.13	3.69	2.57	2.15	3.50
Pamlico TC	21,124	2,353.0	8.98	8.70	7.24	8.96	9.94
Piedmont TC	49,693	8,797.5	5.65	5.43	3.44	3.50	5.44
Pitt CC	87,276	33,499.5	2.61	2.41	2.17	2.28	2.30
Randolph TC	82,966	20,555.5	4.04	3.97	4.04	4.16	4.17
Richmond TC	69,313	16,892.5	4.10	3.61	3.37	3.43	2.97
Roanoke-Cho. TC	48,871	10,649.5	4.59	5.60	4.54	3.66	5.02
Robeson TC	67,210	17,231.0	3.90	3.83	2.75	2.47	2.67
Rockingham CC	116,782	21,738.5	5.37	4.97	4.48	4.99	4.90
Rowan TC	99,144	27,144.0	3.65	3.21	3.74	3.83	4.43
Sampson TC	41,182	15,845.5	2.60	2.82	2.90	2.57	2.76
Sandhills CC	99,784	28,755.0	3.47	3.22	2.87	3.18	3.03
Southeastern CC	84,751	20,653.0	4.10	3.94	3.81	3.84	3.25
Southwestern TC	59,172	15,710.0	3.77	3.00	2.91	3.13	2.83
Stanly TC	42,275	13,935.0	3.03	2.98	2.94	2.73	2.70
Surry CC	91,135	26,714.0	3.41	3.56	3.13	3.35	3.54
TC Alamance	70,494	29,519.0	2.39	2.17	2.27	2.42	2.41
Tri-County CC	57,433	10,817.0	5.31	5.02	4.42	4.54	4.47
Vance-Granv'le CC	60,585	18,091.5	3.35	3.14	3.42	2.87	3.46
Wake TC	120,650	46,214.5	2.61	2.40	2.42	2.48	2.80
Wayne CC	107,830	35,979.0	3.00	2.70	2.55	2.51	2.45
W. Piedmont CC	59,739	19,381.5	3.08	3.06	3.06	2.92	3.04
Wilkes CC	81,945	20,894.5	3.92	3.72	3.41	3.51	3.88
Wilson Co. TI	81,167	19,133.5	4.24	3.68	3.89	3.35	3.44
TOTAL	4,996,786	1,419,880.0	3.52	3.27	3.03	3.05	3.06

TABLE 2:
SQUARE FEET OF ACADEMIC FACILITIES
PER FTE STUDENT

The ratio of an institution's square footage of academic facilities to its full-time equivalent enrollment represents an important index of the instructional utilization of campus facilities. It was first used by the U. S. Office of Education as a planning standard in the 1960's. In 1969, the Office of Education published an extensive study entitled Federal Support for Higher Education Construction: Current Programs and Future Needs which provided normative figures by level and control of institution. The figures, which are still widely used in determining facilities needs, can be summarized as follows:

<u>Institutional Level</u>	<u>Public</u>	<u>Private</u>	<u>Total</u>
University	132	150	136
Four-year	93	103	98
Two-year	70	75	70
All Institutions	103	115	107

Academic Facilities

"Academic facilities" is a broader concept than "instructional and library space" (page 9). In general terms, it includes all space used for instruction, research, and the administration or support of instruction or research.

Academic facilities can be more precisely defined in terms of program codes (pages 87-88, 93-95, 102-103, 108-109, 112-113) and room use codes (page 118). The term refers to an institution's total assignable area (page 81) less the square footage of all rooms bearing program codes 42 (Museums and Galleries), 52 (Social and Cultural Development), 55 (Student Auxiliary Services), 56 (Inter-collegiate Athletics), 65 (Faculty and Staff Auxiliary Services), 66 (Public Relations/Development), 91-92 (Independent Operations), and 02 (Incapable of Use). In addition, space with program code 63 (General Administration and Logistical Service) is deleted if it also has room use code 750 (Central Food Stores) or 760 (Central Laundry). Space with program 01 (Unassigned, Capable of Use) and any of the following room use codes is also excluded from academic facilities: 523 (Athletic Facilities Spectator Seating), 630 (Food Facilities), 635 (Food Facilities Service), 660 (Merchandising Facilities), 665 (Merchandising Facilities Service), 750 (Central Food Stores), 760 (Central Laundry), all of the 800's (Health Care Facilities), and all of the 900's (Residential Facilities). Because of federal reporting requirements, all space associated with academic programs in theology (HEGIS taxonomy code 2300) is also excluded.

FTE Enrollment

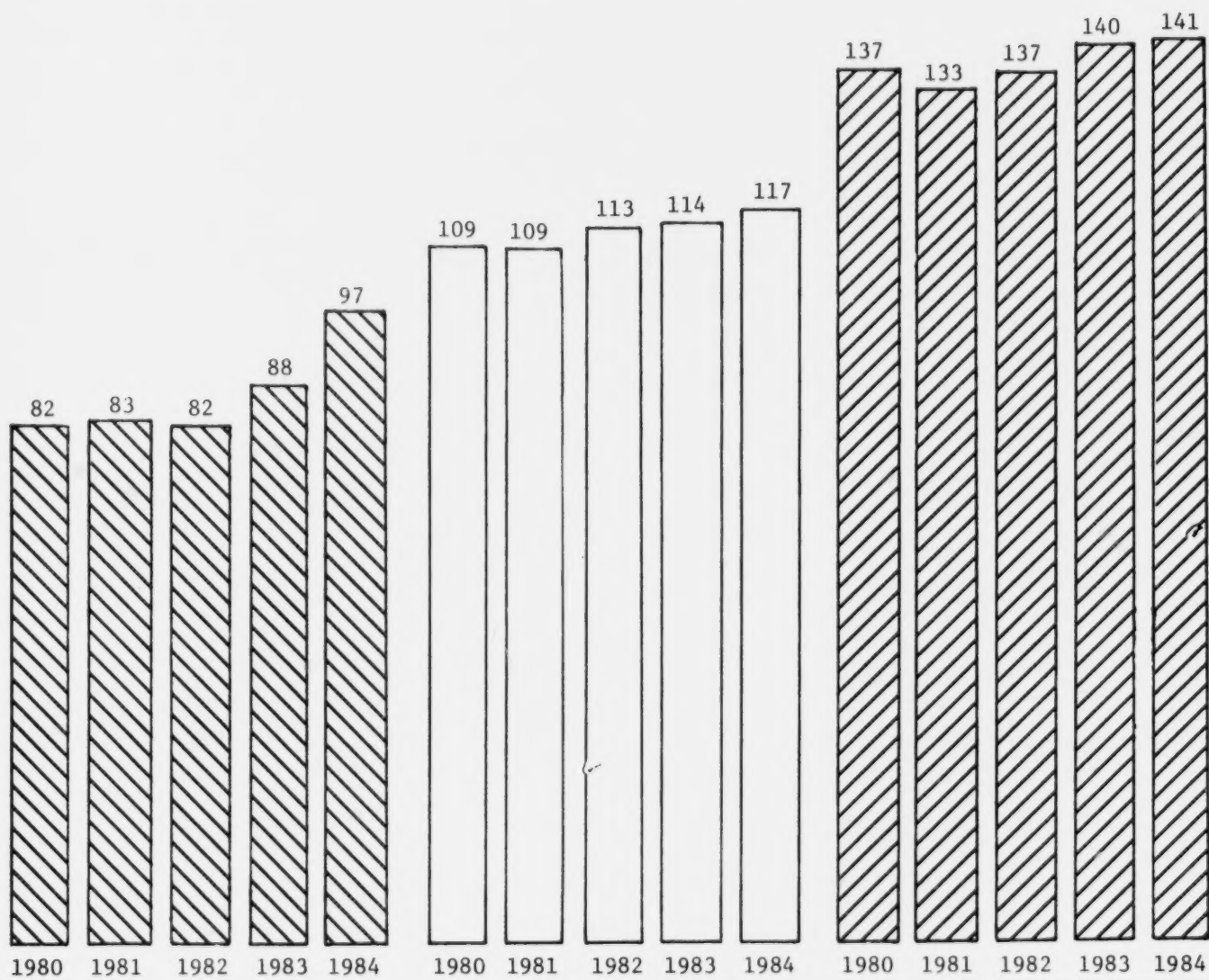
Full-time equivalent (FTE) enrollment is computed by assigning a percentage to each part-time student to reflect his course load and then adding the result to the total full-time enrollment. FTE enrollment differs from the other frequently used standard for estimating student populations, headcount enrollment, in that the latter treats full-time and part-time students identically. A more detailed description of the procedure used in calculating FTE enrollment can be found on page 69.

The FTE enrollments which are reported for the institutions of the Community College System exclude enrollment generated by off-campus instruction and enrollment in non-credit courses. Their total FTE enrollments--which take into account all credit instruction regardless of where it is conducted--are not listed in Table 2 because they are irrelevant to space utilization analysis. They are reported, however, in Table 12.

SQ. FT. OF ACADEMIC FACILITIES PER FTE STUDENT =

SQUARE FEET OF ACADEMIC FACILITIES
FTE ENROLLMENT

SQUARE FEET OF ACADEMIC FACILITIES PER FTE STUDENT



Community Colleges and Technical Institutes

The University of North Carolina
ALL PUBLIC BACCALAUREATE-GRANTING INSTITUTIONS

Private Institutions

**Square Feet of Academic Facilities
Per FTE Student**

Table 2

INSTITUTION	ASF of Academic Facilities	FTE Enrollment	Sq. Ft. of Academic Facilities Per FTE Student				
			1984	1983	1982	1981	1980
<u>Major Research Universities:</u>							
N. C. State U	2,475,769	19,471	127	132	137	133	132
Vet. Med.	215,500	221	975	1,434	-	-	-
UNC Chap. Hill	2,398,202	16,598	144	126	123	125	119
Health Af.	1,140,523	3,133	364	350	352	357	352
SUBTOTAL*	4,873,971	36,069	135	129	130	129	126
<u>Other Doctoral Universities:</u>							
UNC Greensboro	876,309	8,479	103	109	99	99	104
<u>Comprehensive Universities:</u>							
Appalachian SU	902,814	8,898	101	101	93	95	91
E. Carolina U	928,024	11,324	82	85	82	78	82
Health Af.	406,902	1,370	297	285	110	114	116
N. C. A & T SU	799,524	4,965	161	153	159	147	141
N. C. Central U	496,007	3,964	125	106	110	97	99
UNC Charlotte	665,254	8,813	75	75	76	75	73
W'n Carolina U	711,790	5,543	128	129	128	110	110
SUBTOTAL*	4,503,413	43,507	104	102	100	95	95
<u>Gen. Baccalaureate Universities:</u>							
Elizabeth C. SU	262,506	1,501	175	185	174	146	159
Fayettev'le SU	267,275	2,374	113	105	118	107	82
Pembroke SU	253,782	1,874	135	138	132	132	125
UNC Asheville	197,377	1,965	100	101	107	119	136
UNC Wilmington	330,058	4,960	67	67	67	63	71
Winst.-Salem SU	351,081	2,194	160	123	117	114	117
SUBTOTAL	1,662,079	14,868	112	106	107	103	104

**Square Feet of Academic Facilities
Per FTE Student**

Table 2

INSTITUTION	ASF of Academic Facilities	FTE Enrollment	Sq. Ft. of Academic Facilities Per FTE Student				
			1984	1983	1982	1981	1980
<u>Specialized Institution:</u>							
NC Sch. of Arts **	204,136	496	412	399	398	319	348
<u>Community Colleges & Tech. Inst./Col.</u>							
SUBTOTAL	6,131,146	63,426	97	88	82	83	82
PRIVATE INSTITUTIONS							
<u>Major Research Universities:</u>							
SUBTOTAL*	2,081,035	13,449	155	158	147	146	150
<u>Gen. Baccalaureate Colleges:</u>							
SUBTOTAL	4,196,622	31,865	132	130	130	126	130
<u>Junior Colleges:</u>							
SUBTOTAL	700,809	4,022	174	160	151	145	146
GRAND TOTAL	25,229,520	216,181	117	112	108	106	107

*Divisions of Health Affairs and NCSU Veterinary School are excluded from all totals.

**The exclusion of high school student enrollment from this table results in a significant understatement of the total utilization of academic facilities at N. C. School of the Arts.

**Square Feet of Academic Facilities
Per FTE Student**

Table 2

INSTITUTION	ASF of Academic Facilities	FTE Enrollment	Sq. Ft. of Academic Facilities Per FTE Student				
			1984	1983	1982	1981	1980
<u>Community Colleges & Tech. Inst./Col.:</u>							
Anson TC	38,983	202	193	154	142	129	126
Ashev'le-Bun. TC	183,202	1,559	118	103	98	99	102
Beaufort Co. CC	78,273	565	139	133	115	120	104
Bladen TC	47,822	212	226	191	168	160	137
Blue Ridge TC	86,212	673	128	126	116	112	115
Brunswick TC	55,317	332	167	158	109	149	229
Caldwell CC & TI	101,005	1,142	88	84	77	72	73
Cape Fear TI	138,552	1,184	117	103	91	95	95
Carteret TC	84,446	615	137	109	112	126	114
Catawba Vy. TC	148,207	1,310	113	90	92	94	94
C. Carolina TC	86,492	1,156	75	66	62	63	67
C. Piedmont CC	399,655	6,415	62	56	50	53	52
Cleveland TC	108,934	724	150	127	112	110	64
Coastal Car. CC	132,598	1,944	68	77	75	63	62
Col. Albemarle	77,706	836	93	90	81	87	90
Craven CC	85,970	965	89	80	71	77	57
Davidson Co. CC	131,529	1,480	89	76	67	72	67
Durham TI	123,834	1,933	64	61	51	52	58
Edgecombe TC	77,574	616	126	97	98	110	120
Fayettev'le TI	196,842	3,212	61	50	50	53	49
Forsyth TI	160,960	1,969	82	74	74	74	92
Gaston Col.	169,144	1,943	87	77	64	68	73
Guilford TCC	291,866	3,027	96	95	98	75	77
Halifax CC	57,874	663	87	83	74	88	89
Haywood TC	133,293	712	187	157	176	174	126
Isothermal CC	121,648	995	122	98	94	105	119
J. Sprunt TC	70,915	480	148	136	125	137	115
Johnston TC	101,638	954	107	99	81	79	85
Lenoir CC	131,887	1,173	112	97	87	90	97
Martin CC	94,201	458	206	185	190	180	159

**Square Feet of Academic Facilities
Per FTE Student**

Table 2

INSTITUTION	ASF of Academic Facilities	FTE Enrollment	Sq. Ft. of Academic Facilities Per FTE Student				
			1984	1983	1982	1981	1980
<u>Community Colleges & Tech. Inst./Col.:</u>							
Mayland TC	29,236	369	79	68	71	79	86
McDowell TC	48,023	454	106	104	92	104	103
Mitchell CC	111,330	820	136	117	111	103	108
Montgomery TC	38,920	258	151	138	131	113	128
Nash TC	63,534	710	89	90	83	71	84
Pamlico TC	26,713	97	275	245	196	221	223
Piedmont TC	77,400	496	156	209	137	129	130
Pitt CC	106,236	1,591	67	60	57	57	55
Randolph TC	105,724	804	131	131	130	134	145
Richmond TC	79,665	777	103	93	86	85	75
Roanoke-Cho. TC	60,453	500	121	127	134	134	137
Robeson TC	87,007	656	133	114	105	105	104
Rockingham CC	135,255	973	139	125	112	118	125
Rowan TC	122,576	1,219	101	86	83	85	88
Sampson TC	49,510	613	81	86	73	71	76
Sandhills CC	121,554	1,330	91	83	79	86	84
Southeastern CC	97,979	951	103	92	91	84	82
Southwestern TC	70,986	664	107	96	85	77	78
Stanly TC	57,656	542	106	107	88	95	98
Surry CC	107,477	1,214	89	98	87	93	97
TC Alamance	86,027	1,245	69	61	61	66	67
Tri-County CC	62,569	446	140	128	116	124	129
Vance-Granville CC	81,595	851	96	87	86	70	89
Wake TC	165,366	2,223	74	68	71	83	99
Wayne CC	123,831	1,479	84	72	63	62	62
W. Piedmont CC	81,812	997	82	79	79	74	76
Wilkes CC	111,871	940	119	103	98	105	112
Wilson Co. TI	104,262	758	138	135	114	100	99
TOTAL	6,131,146	63,426	97	88	82	83	82

**TABLE 3:
AVERAGE WEEKLY ROOM HOURS OF INSTRUCTION
IN CLASSROOMS**

The average weekly room hours of instruction in classrooms is calculated by dividing the total room hours of instruction in classrooms by the total number of classrooms. In more general terms, it is the average number of hours that an institution's classrooms are used for instructional purposes each week.

The total room hours of instruction in classrooms is the number of hours each week that each classroom is used for regularly scheduled classes. Thus, a classroom which is used Mondays, Wednesdays, and Fridays from 9:00 a.m. until 1:00 p.m. and on Tuesdays and Thursdays from 8:30 a.m. until noon would generate 19 room hours (4 hours/day x 3 days/week + 3.5 hours/day x 2 days/week). Table 3 indicates the total room hours of instruction in classrooms; the total number of classrooms can be found in Table 16.

For purposes of this study, a classroom is defined as a room used to conduct classes that do not require special-purpose equipment for student use. Thus, a classroom is by definition a general use facility which could be used in teaching the lecture portion of any course. If a room is used for regularly scheduled classes but has special equipment which tie it to a particular subject matter, then the room is a class laboratory and its use would not be taken into account in this table.

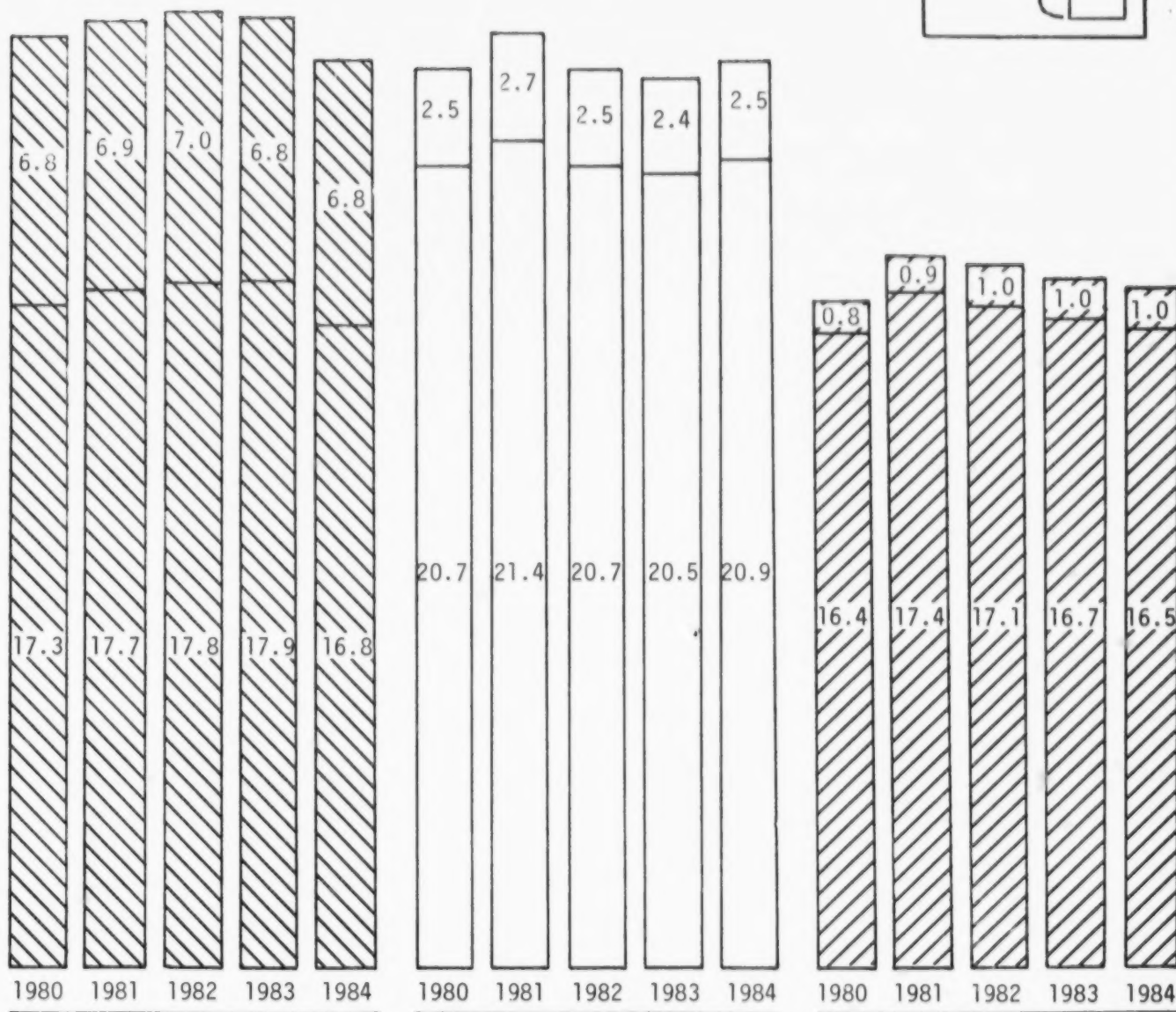
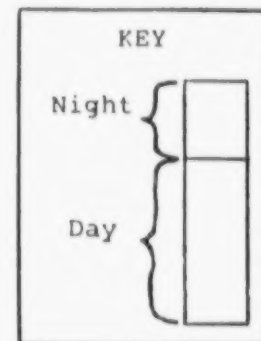
Table 3 separates average weekly room hours of instruction in classrooms into daytime and nighttime use. Daytime utilization is based on all classes with beginning times between and including 5:00 a.m. and 4:59 p.m.; nighttime utilization is based on all other classes. The "All Hours" section of Table 3 indicates the sum of the daytime and nighttime figures for the last five years.

The average weekly room hours of classroom instruction can serve as an indicator of the adequacy of the number of classrooms at an institution. A frequently cited norm is 30 hours of instruction in classrooms per week, but the institutions in North Carolina and in many other states average significantly fewer hours.

AVG. WEEKLY ROOM HOURS OF INSTRUCTION IN CLASSROOMS =

TOTAL ROOM HOURS OF INSTRUCTION IN CLASSROOMS
TOTAL NUMBER OF CLASSROOMS

AVERAGE WEEKLY ROOM HOURS OF INSTRUCTION IN CLASSROOMS



Community Colleges and Technical Institutes

The University of North Carolina
ALL PUBLIC BACCALAUREATE-GRANTING INSTITUTIONS

Private Institutions

**Average Weekly Room Hours of Instruction
in Classrooms**

Table 3

INSTITUTION	Total Room Hours	Daytime	Nighttime	All Hours				
				1984	1983	1982	1981	1980
<u>Major Research Universities:</u>								
N. C. State U	7,901.0	27.8	2.1	29.9	28.6	26.6	27.2	29.7
Vet. Med.	-	-	-	-	-	-	-	-
UNC Chap. Hill	6,294.0	25.0	0.9	25.9	24.9	23.6	24.2	23.5
Health Af.	-	-	-	-	-	-	-	-
SUBTOTAL	14,195.0	26.5	1.5	28.0	26.8	25.2	25.7	26.5
<u>Other Doctoral Universities:</u>								
UNC Greensboro	3,410.0	16.4	3.4	19.8	18.2	21.3	20.7	19.0
<u>Comprehensive Universities:</u>								
Appalachian SU	4,761.5	27.3	1.2	28.5	28.4	28.3	29.3	26.0
E. Carolina U	4,606.5	21.5	3.0	24.5	24.4	25.5	27.1	23.7
Health Af.	-	-	-	-	-	-	-	-
N. C. A & T SU	2,568.0	13.3	2.1	15.4	15.2	16.2	16.6	15.5
N. C. Central U	2,163.0	13.2	2.4	15.6	16.5	17.1	18.6	19.2
UNC Charlotte	3,497.5	26.0	6.1	32.1	32.4	32.0	30.3	31.7
W'n Carolina U	2,582.0	19.8	2.1	21.9	21.0	20.1	20.7	19.9
SUBTOTAL	20,178.5	20.1	2.6	22.7	22.7	22.4	24.0	22.3
<u>Gen. Baccalaureate Universities:</u>								
Elizabeth C. SU	884.5	14.4	2.6	17.0	15.7	16.8	22.5	28.5
Fayettev'le SU	1,256.0	18.1	3.9	22.0	23.2	23.3	24.7	26.3
Pembroke SU	1,017.5	12.4	1.7	14.1	13.8	15.3	18.4	16.9
UNC Asheville	1,366.0	21.9	7.8	29.7	28.6	29.5	28.0	17.8
UNC Wilmington	2,242.5	29.9	3.6	33.5	30.4	29.3	32.7	28.8
Winst.-Salem SU	1,117.0	12.1	2.0	14.1	16.5	19.1	18.8	19.5
SUBTOTAL	7,883.5	17.8	3.3	21.1	21.1	22.1	24.0	22.7

**Average Weekly Room Hours of Instruction
in Classrooms**

Table 3

INSTITUTION	Total Room Hours	Daytime	Nighttime	All Hours				
				1984	1983	1982	1981	1980
<u>Specialized Institution:</u>								
NC Sch. of Arts	346.5	11.8	1.0	12.8	10.7	10.4	14.4	15.8
<u>Community Colleges & Tech. Inst./Col.</u>								
SUBTOTAL	44,822.0	16.8	6.8	23.6	24.7	24.8	24.6	24.1
PRIVATE INSTITUTIONS								
<u>Major Research Universities:</u>								
SUBTOTAL	5,405.5	17.8	0.4	18.2	17.7	17.1	17.8	17.7
<u>Gen. Baccalaureate Colleges:</u>								
SUBTOTAL	17,699.0	16.2	1.4	17.6	18.0	18.6	18.6	17.0
<u>Junior Colleges:</u>								
SUBTOTAL	2,687.5	15.9	0.2	16.1	16.8	17.3	17.6	17.6
GRAND TOTAL	116,627.5	18.2	3.6	21.8	22.2	22.3	22.6	21.8

**Average Weekly Room Hours of Instruction
in Classrooms**

Table 3

INSTITUTION	Total Room Hours	Daytime	Nighttime	All Hours				
				1984	1983	1982	1981	1980
<u>Community Colleges & Tech. Inst./Col.:</u>								
Anson TC	162.0	8.6	4.9	13.5	12.1	14.2	13.2	20.8
Ashev'le-Bun. TC	1,221.0	12.3	5.4	17.7	21.9	19.1	23.0	19.2
Beaufort Co. CC	581.0	12.6	3.6	16.2	14.7	18.7	19.6	23.3
Bladen TC	210.0	14.9	4.2	19.1	18.0	17.4	21.7	18.2
Blue Ridge TC	571.0	14.9	8.9	23.8	23.9	26.3	27.2	25.3
Brunswick TC	378.0	15.7	7.9	23.6	20.0	15.2	18.8	31.2
Caldwell CC & TI	596.0	17.5	7.3	24.8	23.8	25.1	25.7	28.2
Cape Fear TI	749.0	22.0	9.3	31.3	30.9	31.0	28.7	26.7
Carteret TC	653.0	11.2	9.3	20.5	20.8	21.5	22.9	21.2
Catawba Vy. TC	957.0	12.9	7.9	20.8	24.0	23.5	23.5	24.0
C. Carolina TC	787.5	24.0	10.2	34.2	39.5	39.2	36.2	33.6
C. Piedmont CC	3,988.5	23.5	9.5	33.0	32.0	32.1	32.4	34.0
Cleveland TC	705.5	10.7	8.4	19.1	19.2	17.7	14.3	21.9
Coastal Car. CC	1,200.0	21.2	10.3	31.5	31.6	30.8	34.4	37.8
Col. Albemarle	536.5	17.7	5.6	23.3	26.2	22.4	21.7	20.9
Craven CC	864.5	20.1	6.1	26.2	23.2	22.9	25.0	31.0
Davidson Co. CC	898.0	14.9	5.1	20.0	21.3	25.3	21.3	18.8
Durham TI	1,145.5	18.9	11.3	30.2	30.2	32.8	30.7	26.8
Edgecombe TC	684.0	12.0	6.0	18.0	21.0	23.3	22.5	19.1
Fayettev'le TI	2,402.5	26.4	6.5	32.9	36.5	33.9	35.7	30.7
Forsyth TI	1,203.0	18.6	7.5	26.1	29.4	28.1	30.9	29.0
Gaston Col.	1,030.5	15.1	4.0	19.1	18.9	24.1	19.4	19.0
Guilford TCC	2,238.5	16.0	6.6	22.6	26.1	23.6	26.4	25.0
Halifax CC	539.5	21.1	8.9	30.0	31.7	33.9	27.2	28.2
Haywood TC	459.5	15.2	4.7	19.9	25.9	19.8	21.7	25.3
Isothermal CC	687.0	13.9	5.7	19.6	19.7	17.6	18.8	20.6
J. Sprunt TC	387.5	15.3	4.1	19.4	20.6	26.1	20.7	20.1
Johnston TC	769.5	17.3	6.7	24.0	25.3	26.4	23.7	21.5
Lenoir CC	940.0	14.4	3.7	18.1	20.9	20.9	21.1	24.5
Martin CC	323.5	11.6	3.8	15.4	16.2	19.7	18.3	14.8

**Average Weekly Room Hours of Instruction
in Classrooms**

Table 3

INSTITUTION	Total Room Hours	Daytime	Nighttime	All Hours				
				1984	1983	1982	1981	1980
Community Colleges & Tech. Inst./Col.:								
Mayland TC	338.5	20.1	10.6	30.7	32.0	25.8	29.2	32.8
McDowell TC	250.0	9.5	8.4	17.9	13.9	14.4	16.1	16.3
Mitchell CC	753.0	11.5	6.9	18.4	18.7	20.8	19.9	17.3
Montgomery TC	192.5	12.5	8.9	21.4	19.5	21.6	25.3	23.9
Nash TC	554.5	13.8	8.3	22.1	23.3	20.9	21.3	20.9
Pamlico TC	133.0	7.6	5.7	13.3	11.7	10.0	11.8	12.5
Piedmont TC	410.5	12.4	8.1	20.5	20.1	25.7	21.3	17.8
Pitt CC	991.0	20.3	6.4	26.7	31.5	34.6	31.5	32.4
Randolph TC	532.5	15.2	7.9	23.1	24.0	21.3	18.3	17.7
Richmond TC	570.5	17.6	7.2	24.8	26.2	31.7	30.4	31.7
Roanoke-Cho. TC	407.5	13.9	3.1	17.0	13.3	18.9	16.5	14.8
Robeson TC	501.5	14.9	6.9	21.8	18.7	28.9	31.7	27.0
Rockingham CC	606.5	14.2	5.4	19.6	21.9	22.1	19.0	18.6
Rowan TC	859.5	12.6	8.4	21.0	24.1	17.8	18.5	17.9
Sampson TC	571.5	22.5	9.3	31.8	25.7	27.0	26.8	25.2
Sandhills CC	896.5	21.9	3.7	25.6	25.7	28.3	24.9	25.4
Southeastern CC	665.5	17.0	3.8	20.8	20.2	19.9	19.3	19.5
Southwestern TC	503.0	16.3	5.5	21.8	31.9	24.2	19.9	23.5
Stanly TC	453.5	13.7	6.0	19.7	26.4	24.5	24.2	26.3
Surry CC	640.5	16.5	6.4	22.9	22.5	23.7	23.8	24.5
TC Alamance	964.0	22.9	9.2	32.1	29.3	27.7	27.3	25.5
Tri-County CC	351.5	10.8	7.7	18.5	20.4	20.8	20.8	19.6
Vance-Granville CC	620.0	13.9	8.2	22.1	21.8	20.6	25.4	18.0
Wake TC	1,284.0	21.1	5.1	26.2	27.0	26.0	26.2	24.3
Wayne CC	997.5	15.9	4.9	20.8	24.7	25.3	23.8	23.2
W. Piedmont CC	536.0	17.9	9.0	26.9	22.8	23.5	24.0	20.2
Wilkes CC	805.0	19.2	5.9	25.1	26.6	23.7	25.4	26.1
Wilson Co. TI	563.5	17.2	6.3	23.5	25.1	23.7	26.5	25.1
TOTAL	44,822.0	16.8	6.8	23.6	24.7	24.8	24.6	24.1

TABLE 4:
AVERAGE WEEKLY ROOM HOURS OF INSTRUCTION
IN CLASS LABORATORIES

The average weekly room hours of instruction in class laboratories is calculated by dividing the total room hours of instruction in class laboratories by the total number of class laboratories. In more general terms, it is the average number of hours that an institution's class laboratories are used for instructional purposes each week.

The total room hours of instruction in class laboratories is the number of hours each week that each class laboratory is used for regularly scheduled classes. This figure is provided in Table 4; the total number of class laboratories can be found in Table 17. Table 4 also separates the average room hour data into daytime and nighttime use of class laboratories. For specific definitions of "daytime" and "nighttime," and for a more detailed explanation of the calculation of total room hours, see page 24.

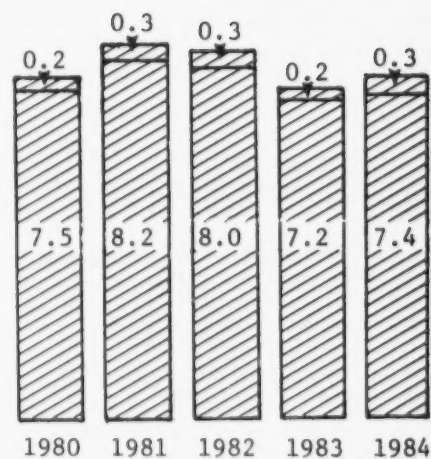
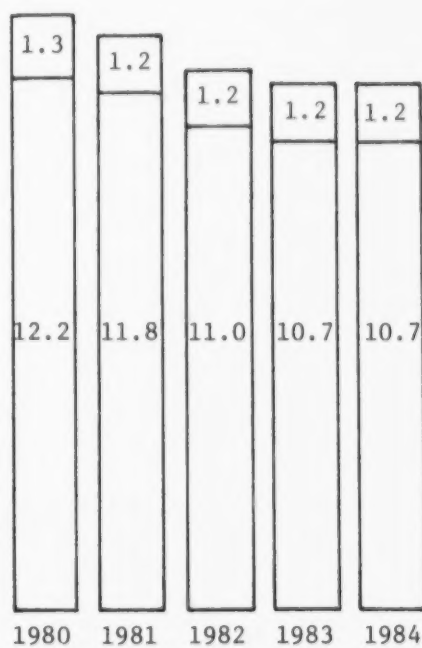
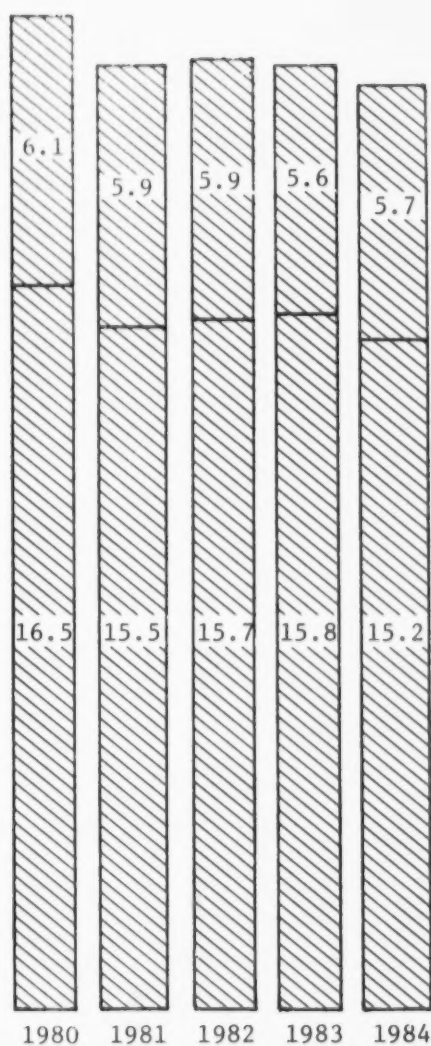
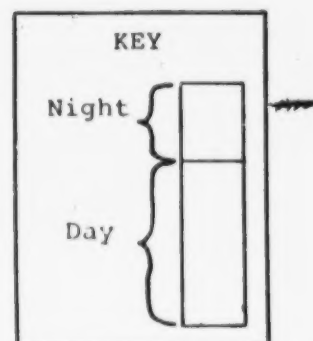
For purposes of this study, a class laboratory is defined as a room used primarily by regularly scheduled classes that require special-purpose equipment for student participation, experimentation, observation, or practice in a field of study. This definition excludes rooms used for regularly scheduled classes which have no special-purpose equipment (i.e., classrooms) and also excludes rooms with special-purpose equipment which are not used for regularly scheduled classes (i.e., other kinds of laboratories).

Table 4 can provide some indication of the adequacy of the number of class laboratories at a particular institution. Unfortunately, since the data reflect the utilization of all class laboratories, it is impossible to determine whether an institution's shortage (or surplus) of these rooms is limited to certain types or is "across the board." In such cases, an institution might be able to make a more useful measurement by determining the average weekly use of each type of class laboratory.

Because each class laboratory is designed for use in a particular field of study, most of them are not used as frequently as classrooms. A commonly cited norm for the average use of class laboratories is 20 hours per week. Many of the institutions of the Community College System exceed this figure, at least in part because of the technical nature of most of their instructional programs. The other colleges and universities in North Carolina generally fall well below this norm.

$$\text{AVG. WEEKLY ROOM HOURS OF INSTRUCTION IN CLASS LABORATORIES} = \frac{\text{TOTAL ROOM HOURS OF INSTRUCTION IN CLASS LABORATORIES}}{\text{TOTAL NUMBER OF CLASS LABORATORIES}}$$

AVERAGE WEEKLY ROOM HOURS OF INSTRUCTION IN CLASS LABORATORIES



Community Colleges and Technical Institutes

The University of North Carolina
ALL PUBLIC BACCALAUREATE-GRANTING INSTITUTIONS

Private Institutions

**Average Weekly Room Hours of Instruction
in Class Laboratories**

Table 4

INSTITUTION	Total Room Hours	Daytime	Nighttime	All Hours				
				1984	1983	1982	1981	1980
<u>Major Research Universities:</u>								
N. C. State U	2,265.5	10.2	1.0	11.2	10.7	11.2	10.0	9.8
Vet. Med.	-	-	-	-	-	-	-	-
UNC Chap. Hill	1,207.0	14.1	2.0	16.1	15.4	13.0	16.3	14.3
Health Af.	-	-	-	-	-	-	-	-
SUBTOTAL	3,472.5	11.3	1.3	12.6	12.2	11.7	12.0	11.2
<u>Other Doctoral Universities:</u>								
UNC Greensboro	667.5	7.7	0.8	8.5	7.8	9.2	9.8	8.7
<u>Comprehensive Universities:</u>								
Appalachian SU	750.5	11.9	0.7	12.6	13.8	15.0	13.7	34.8
E. Carolina U	1,944.5	13.1	1.4	14.5	13.9	15.2	16.1	14.7
Health Af.	-	-	-	-	-	-	-	-
N. C. A & T SU	792.0	6.3	0.8	7.1	7.2	8.9	9.9	9.6
N. C. Central U	369.0	6.5	0.6	7.1	7.2	7.3	8.0	8.6
UNC Charlotte	1,174.0	14.5	3.0	17.5	18.2	16.7	17.0	16.5
W'n Carolina U	824.5	11.5	0.6	12.1	12.9	12.4	11.7	11.6
SUBTOTAL	5,854.5	10.7	1.2	11.9	12.1	12.3	13.3	15.7
<u>Gen. Baccalaureate Universities:</u>								
Elizabeth C. SU	401.0	8.1	0.5	8.6	9.4	9.4	23.4	17.0
Fayettev'le SU	395.5	10.2	1.4	11.6	10.9	10.4	10.8	14.8
Pembroke SU	174.5	7.0	0.3	7.3	7.6	8.5	12.5	13.7
UNC Asheville	239.0	10.2	2.4	12.6	14.2	14.3	11.4	9.1
UNC Wilmington	600.0	14.0	1.4	15.4	15.6	14.5	14.3	14.7
Winst.-Salem SU	151.5	6.9	0.4	7.3	8.6	9.4	8.7	9.4
SUBTOTAL	1,961.5	9.7	1.0	10.7	11.2	11.0	14.4	13.7

**Average Weekly Room Hours of Instruction
in Class Laboratories**

Table 4

INSTITUTION	Total Room Hours	Daytime	Nighttime	All Hours				
				1984	1983	1982	1981	1980
<u>Specialized Institution:</u>								
NC Sch. of Arts	796.0	16.0	1.3	17.3	18.5	20.7	16.7	13.1
<u>Community Colleges & Tech. Inst./Col.</u>								
SUBTOTAL	36,283.5	15.2	5.7	20.9	21.4	21.6	21.4	22.6
PRIVATE INSTITUTIONS								
<u>Major Research Universities:</u>								
SUBTOTAL	702.0	6.3	0.2	6.5	6.2	6.7	6.5	7.0
<u>Gen. Baccalaureate Colleges:</u>								
SUBTOTAL	3,710.0	7.6	0.3	7.9	7.6	8.6	8.9	7.5
<u>Junior Colleges:</u>								
SUBTOTAL	840.5	7.5	0.2	7.7	8.4	8.7	9.3	9.6
GRAND TOTAL	54,288.0	12.3	3.3	15.6	15.7	16.0	16.2	16.6

Average Weekly Room Hours of Instruction in Class Laboratories

Table 4

INSTITUTION	Total Room Hours	Daytime	Nighttime	All Hours				
				1984	1983	1982	1981	1980
<u>Community Colleges & Tech. Inst./Col.:</u>								
Anson TC	319.0	14.3	6.9	21.2	24.6	27.8	28.2	30.0
Ashev'le-Bun. TC	717.0	13.6	4.8	18.4	21.2	19.4	18.5	19.7
Beaufort Co. CC	322.0	11.3	4.0	15.3	16.7	19.3	16.8	21.8
Bladen TC	318.5	11.8	3.3	15.1	12.1	16.2	16.3	18.5
Blue Ridge TC	522.0	16.3	8.5	24.8	21.3	21.7	24.4	28.0
Brunswick TC	308.5	10.9	6.3	17.2	22.3	21.1	20.1	12.0
Caldwell CC & TI	747.0	16.6	10.1	26.7	25.2	25.2	24.9	32.1
Cape Fear TI	953.0	16.1	7.7	23.8	26.1	28.4	26.7	23.9
Carteret TC	418.0	13.6	6.3	19.9	21.0	18.2	17.3	19.1
Catawba Vy. TC	781.5	13.5	6.5	20.0	21.3	19.5	17.8	17.9
C. Carolina TC	602.5	18.0	7.1	25.1	24.1	22.9	24.5	19.4
C. Piedmont CC	2,479.5	24.0	7.8	31.8	35.6	30.5	30.6	36.4
Cleveland TC	573.5	7.8	5.8	13.6	16.7	14.9	15.9	17.2
Coastal Car. CC	625.0	15.5	2.9	18.4	19.5	17.1	18.3	20.4
Col. Albemarle	413.5	11.7	4.2	15.9	16.8	14.5	14.4	15.0
Craven CC	771.0	20.9	7.7	28.6	26.9	26.2	30.2	30.1
Davidson Co. CC	548.5	14.4	4.6	19.0	19.5	20.3	18.1	17.6
Durham TI	713.0	12.0	6.7	18.7	17.5	28.2	28.8	25.1
Edgecombe TC	298.0	8.9	3.0	11.9	18.1	18.7	17.2	11.9
Fayettev'le TI	1,170.0	20.9	3.5	24.4	25.9	24.6	22.5	23.1
Forsyth TI	985.5	17.7	6.9	24.6	25.5	27.9	28.9	27.8
Gaston Col.	652.0	9.7	3.6	13.3	11.2	16.4	14.3	16.4
Guilford TCC	1,632.5	14.1	6.9	21.0	28.8	21.9	22.1	26.8
Halifax CC	446.0	16.9	5.4	22.3	23.5	24.0	22.9	23.5
Haywood TC	1,175.0	15.8	4.8	20.6	19.0	24.2	24.7	33.5
Isothermal CC	800.0	17.3	7.7	25.0	19.8	22.0	19.1	22.1
J. Sprunt TC	470.0	17.1	4.3	21.4	19.2	19.3	17.7	26.6
Johnston TC	536.0	12.1	5.2	17.3	16.7	23.7	22.9	23.9
Lenoir CC	703.5	13.1	4.1	17.2	20.8	18.8	17.2	19.1
Martin CC	371.5	13.0	4.7	17.7	17.5	17.3	18.6	22.2

**Average Weekly Room Hours of Instruction
in Class Laboratories**

Table 4

INSTITUTION	Total Room Hours	Daytime	Nighttime	All Hours				
				1984	1983	1982	1981	1980
<u>Community Colleges & Tech. Inst./Col.:</u>								
Mayland TC	274.0	16.9	10.5	27.4	28.5	19.8	20.7	28.6
McDowell TC	436.0	14.2	8.7	22.9	23.8	23.0	24.0	22.8
Mitchell CC	501.5	9.7	8.9	18.6	21.0	17.6	17.6	17.7
Montgomery TC	536.5	16.9	7.5	24.4	20.2	24.8	28.0	24.0
Nash TC	471.5	10.5	6.4	16.9	15.4	18.3	18.1	14.6
Pamlico TC	142.0	12.9	4.9	17.8	21.7	22.1	18.1	16.1
Piedmont TC	267.0	9.1	3.6	12.7	15.5	17.2	23.6	16.5
Pitt CC	882.5	22.7	6.7	29.4	28.3	31.2	29.2	29.6
Randolph TC	683.0	15.3	4.8	20.1	22.5	21.2	19.0	17.8
Richmond TC	456.5	14.5	6.3	20.8	23.0	21.1	25.2	21.9
Roanoke-Cho. TC	359.0	20.3	2.2	22.5	24.7	29.7	25.4	16.6
Robeson TC	571.0	12.6	5.3	17.9	19.8	23.6	25.4	21.9
Rockingham CC	472.0	12.3	5.9	18.2	14.3	15.2	14.3	15.3
Rowan TC	617.5	14.6	8.3	22.9	21.8	17.8	16.1	14.0
Sampson TC	479.0	18.7	9.5	28.2	20.1	28.0	31.6	32.0
Sandhills CC	645.5	15.3	3.7	19.0	16.9	18.7	11.2	11.2
Southeastern CC	447.0	12.6	1.8	14.4	16.1	19.6	17.8	26.5
Southwestern TC	423.0	10.8	2.1	12.9	13.0	11.8	14.9	28.8
Stanly TC	358.5	17.5	6.4	23.9	22.4	17.4	20.5	23.0
Surry CC	653.0	21.4	7.0	28.4	28.3	28.7	25.0	26.5
TC Alamance	675.0	18.4	6.6	25.0	25.6	21.4	23.5	22.3
Tri-County CC	417.5	12.0	8.9	20.9	19.7	20.5	23.9	26.3
Vance-Granville CC	595.0	14.5	7.5	22.0	20.2	18.9	19.8	18.2
Wake TC	1,026.0	18.8	4.5	23.3	24.0	22.5	23.0	20.5
Wayne CC	928.5	18.3	3.3	21.6	20.6	22.2	18.4	20.3
W. Piedmont CC	583.5	17.7	6.6	24.3	20.0	20.6	20.7	19.0
Wilkes CC	480.0	15.7	4.3	20.0	22.5	22.0	21.3	18.0
Wilson Co. TI	529.0	14.7	5.6	20.3	21.9	18.1	23.0	30.3
TOTAL	36,283.5	15.2	5.7	20.9	21.4	21.6	21.4	22.6

TABLE 5:
AVERAGE WEEKLY USE OF STUDENT STATIONS
IN CLASSROOMS

Average weekly use of student stations in classrooms is calculated by dividing the total number of student clock hours generated in classrooms by the total number of student stations in classrooms. More generally, it can be thought of as the average number of hours each week that each classroom student station is used.

For the current year, Table 5 reports the total number of classroom student stations and breaks down the average weekly use figure into daytime and nighttime utilization. (See page 24 for precise definitions of classrooms and of daytime and nighttime utilization.) For purposes of comparison, this table also lists the average weekly use of student stations for the previous four years.

The average weekly use of student stations can serve as an indicator of the adequacy of the number of student stations in classrooms. A norm which has been frequently cited is 18 hours per week. This figure is based on the assumption that the average weekly use of classrooms is 30 hours (see Table 3) and that there is 60% utilization of student stations when classrooms are in use (see Table 7). Most North Carolina colleges and universities fall considerably below this norm, suggesting a surplus of classroom student stations.

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASSROOMS =

$$\frac{\text{TOTAL STUDENT CLOCK HOURS IN CLASSROOMS}}{\text{TOTAL STUDENT STATIONS IN CLASSROOMS}}$$

**Average Weekly Use of Student Stations
in Classrooms**

Table 5

INSTITUTION	No. of Stations	Daytime	Nighttime	All Hours				
				1984	1983	1982	1981	1980
<u>Major Research Universities:</u>								
N. C. State U	14,192	17.6	1.1	18.7	18.0	17.1	17.1	18.6
Vet. Med.	-	-	-	-	-	-	-	-
UNC Chap. Hill	13,319	15.2	0.4	15.6	15.5	15.5	15.6	15.3
Health Af.	-	-	-	-	-	-	-	-
SUBTOTAL	27,511	16.4	0.8	17.2	16.8	16.4	16.3	16.9
<u>Other Doctoral Universities:</u>								
UNC Greensboro	7,683	10.8	1.7	12.5	11.9	12.6	12.1	11.6
<u>Comprehensive Universities:</u>								
Appalachian SU	7,141	15.9	0.5	16.4	16.6	17.2	15.6	15.5
E. Carolina U	8,915	13.8	1.6	15.4	15.4	15.5	15.8	16.2
Health Af.	-	-	-	-	-	-	-	-
N. C. A & T SU	6,871	7.9	0.8	8.7	8.4	9.4	9.8	8.9
N. C. Central U	5,912	7.0	1.0	8.0	9.5	10.2	11.3	11.1
UNC Charlotte	5,919	15.3	2.5	17.8	17.8	17.7	17.3	18.7
W'n Carolina U	4,831	11.9	0.9	12.8	12.2	12.0	12.8	12.8
SUBTOTAL	39,589	12.1	1.2	13.3	13.5	13.9	14.0	14.0
<u>Gen. Baccalaureate Universities:</u>								
Elizabeth C. SU	2,355	6.7	1.2	7.9	7.6	7.9	10.6	12.6
Fayetteville SU	2,283	9.5	1.6	11.1	13.0	12.3	13.7	17.0
Pembroke SU	2,926	6.3	0.9	7.2	7.0	7.7	8.6	8.8
UNC Asheville	1,845	13.4	4.3	17.7	14.6	11.2	11.3	8.6
UNC Wilmington	3,404	17.0	1.5	18.5	17.9	17.4	18.7	16.8
Winst.-Salem SU	3,889	5.8	1.0	6.8	7.5	8.0	8.5	8.0
SUBTOTAL	16,702	9.6	1.6	11.2	11.1	11.1	12.1	11.9

**Average Weekly Use of Student Stations
in Classrooms**

Table 5

INSTITUTION	No. of Stations	Daytime	Nighttime	All Hours				
				1984	1983	1982	1981	1980
<u>Specialized Institution:</u>								
NC Sch. of Arts	710	8.4	1.3	9.7	8.2	6.7	7.9	8.7
<u>Community Colleges & Tech. Inst./Col.</u>								
SUBTOTAL	62,017	9.4	3.5	12.9	14.3	15.5	15.4	15.2
PRIVATE INSTITUTIONS								
<u>Major Research Universities:</u>								
SUBTOTAL	14,398	10.2	0.2	10.4	10.4	10.6	11.0	9.7
<u>Gen. Baccalaureate Colleges:</u>								
SUBTOTAL	40,617	8.4	0.7	9.1	9.5	9.7	9.6	9.5
<u>Junior Colleges:</u>								
SUBTOTAL	6,173	9.4	0.1	9.5	10.1	10.5	10.9	11.3
GRAND TOTAL	215,400	10.7	1.6	12.3	12.9	13.2	13.3	13.2

**Average Weekly Use of Student Stations
in Classrooms**

Table 5

INSTITUTION	No. of Stations	Daytime	Nighttime	All Hours				
				1984	1983	1982	1981	1980
<u>Community Colleges & Tech. Inst./Col.:</u>								
Anson TC	367	2.4	1.5	3.9	5.1	5.1	4.5	8.9
Ashev'le-Bun. TC	1,991	7.5	3.2	10.7	13.4	13.8	14.8	12.9
Beaufort Co. CC	1,050	6.1	1.4	7.5	8.5	9.8	10.4	11.7
Bladen TC	210	10.0	2.4	12.4	13.0	17.0	16.9	15.1
Blue Ridge TC	702	8.4	5.6	14.0	13.9	15.4	17.9	15.7
Brunswick TC	381	9.0	4.4	13.4	13.0	10.1	11.6	25.3
Caldwell CC & TI	720	11.2	4.5	15.7	15.4	17.5	17.7	17.9
Cape Fear TI	548	15.2	7.5	22.7	26.1	27.9	25.6	25.3
Carteret TC	850	7.4	5.4	12.8	13.1	14.6	13.6	14.5
Catawba Vy. TC	1,282	7.5	5.1	12.6	16.1	16.6	16.8	16.4
C. Carolina TC	732	14.6	5.2	19.8	22.8	26.4	25.6	23.5
C. Piedmont CC	5,105	12.5	4.6	17.1	18.6	19.7	21.0	21.8
Cleveland TC	1,138	5.1	3.6	8.7	9.1	9.5	7.7	14.0
Coastal Car. CC	1,106	14.9	7.6	22.5	22.2	23.4	26.4	29.1
Col. Albemarle	850	7.2	2.2	9.4	13.3	13.4	12.2	13.3
Craven CC	994	10.7	2.6	13.3	10.9	13.3	15.6	20.6
Davidson Co. CC	1,681	9.0	2.3	11.3	12.8	16.9	14.3	14.0
Durham TI	1,269	11.0	7.0	18.0	18.6	23.0	20.0	20.1
Edgecombe TC	919	4.8	2.8	7.6	10.2	11.8	11.7	10.0
Fayettev'le TI	2,824	13.7	3.3	17.0	20.8	20.9	21.1	20.2
Forsyth TI	1,396	12.6	4.4	17.0	19.8	19.2	19.7	17.1
Gaston Col.	2,030	7.8	1.9	9.7	10.2	12.9	12.4	11.8
Guilford TCC	3,167	8.4	3.3	11.7	14.4	15.8	17.0	16.4
Halifax CC	538	11.5	4.2	15.7	15.4	16.6	15.3	15.6
Haywood TC	753	7.4	2.2	9.6	13.5	11.8	11.6	15.9
Isothermal CC	1,064	6.4	2.6	9.0	9.5	9.9	9.4	9.3
J. Sprunt TC	560	8.3	1.6	9.9	10.1	14.8	11.4	9.5
Johnston TC	1,134	8.5	2.8	11.3	13.0	17.0	13.7	13.5
Lenoir CC	1,452	8.8	2.1	10.9	12.3	13.7	14.2	14.3
Martin CC	680	4.8	1.3	6.1	7.6	8.9	8.2	7.8

**Average Weekly Use of Student Stations
in Classrooms**

Table 5

INSTITUTION	No. of Stations	Daytime	Nighttime	All Hours				
				1984	1983	1982	1981	1980
<u>Community Colleges & Tech. Inst./Col.:</u>								
Mayland TC	333	9.4	3.8	13.2	14.8	12.3	12.0	12.7
McDowell TC	455	4.2	3.3	7.5	6.2	6.6	6.6	6.6
Mitchell CC	1,259	6.5	3.5	10.0	10.7	11.8	12.3	12.0
Montgomery TC	179	6.1	5.2	11.3	12.7	15.4	17.2	15.3
Nash TC	803	7.0	5.2	12.2	12.2	12.1	11.9	10.3
Pamlico TC	199	3.5	1.9	5.4	5.4	6.4	3.7	4.7
Piedmont TC	492	6.0	4.3	10.3	11.2	17.2	15.6	7.6
Pitt CC	1,311	11.1	3.2	14.3	17.6	19.4	18.4	18.6
Randolph TC	479	13.0	5.3	18.3	17.8	16.0	15.9	14.9
Richmond TC	710	9.0	3.6	12.6	12.6	15.3	13.9	15.3
Roanoke-Cho. TC	551	8.7	1.6	10.3	8.9	11.5	11.0	7.8
Robeson TC	675	8.7	3.7	12.4	11.4	17.8	19.1	19.6
Rockingham CC	1,201	8.2	2.7	10.9	12.6	13.7	12.4	11.4
Rowan TC	1,602	6.2	3.6	9.8	12.3	9.8	9.5	9.0
Sampson TC	552	12.4	3.2	15.6	14.6	17.4	16.1	13.8
Sandhills CC	1,264	11.5	2.2	13.7	15.4	16.0	16.5	17.1
Southeastern CC	1,251	7.6	1.7	9.3	9.3	10.4	9.5	10.2
Southwestern TC	795	6.9	1.9	8.8	15.1	13.4	16.9	19.0
Stanly TC	839	8.6	2.2	10.8	11.5	12.4	11.1	12.2
Surry CC	842	12.3	3.8	16.1	15.7	17.5	18.1	17.1
TC Alamance	1,181	10.9	4.6	15.5	16.9	17.1	15.9	16.6
Tri-County CC	620	4.4	3.4	7.8	9.4	11.0	10.4	10.4
Vance-Granville CC	890	6.8	3.4	10.2	11.6	10.9	14.0	10.3
Wake TC	1,790	13.4	2.8	16.2	18.0	18.1	18.7	18.2
Wayne CC	1,609	9.6	2.8	12.4	15.0	15.6	15.8	15.1
W. Piedmont CC	773	8.4	3.5	11.9	12.1	13.2	14.1	11.2
Wilkes CC	1,072	9.7	3.0	12.7	13.6	14.7	13.9	12.9
Wilson Co. TI	797	8.5	2.9	11.4	13.7	14.9	19.9	16.4
TOTAL	62,017	9.4	3.5	12.9	14.3	15.5	15.4	15.2

TABLE 6:
AVERAGE WEEKLY USE OF STUDENT STATIONS
IN CLASS LABORATORIES

Average weekly use of student stations in class laboratories is calculated by dividing the total number of student clock hours generated in class laboratories by the total number of student stations in class laboratories. More generally, it can be thought of as the average number of hours each week that each class lab student station is used.

For the current year, Table 6 reports the total number of class lab student stations and breaks down the average weekly use figure into daytime and nighttime utilization. (See page 30 for a discussion of what the term class laboratory includes and page 24 for precise definitions of daytime and nighttime utilization.) For purposes of comparison, this table also lists the average weekly use of student stations for the previous four years.

The average weekly use of student stations can serve as an indicator of the adequacy of the number of stations in class laboratories. A norm which has been frequently cited is 16 hours. This figure is based on the assumption that the average weekly use of class labs is 20 hours (see Table 4) and that there is 80% utilization of student stations when class labs are in use (see Table 7). Most North Carolina colleges and universities fall considerably below this norm. This fact suggests a surplus of class laboratory student stations but gives no indication whether this surplus exists for all types of class laboratories or is limited to the labs of certain academic disciplines.

AVERAGE WEEKLY USE OF STUDENT STATIONS IN CLASS LABORATORIES =

$$\frac{\text{TOTAL STUDENT CLOCK HOURS IN CLASS LABORATORIES}}{\text{TOTAL STUDENT STATIONS IN CLASS LABORATORIES}}$$

**Average Weekly Use of Student Stations
in Class Laboratories**

Table 6

INSTITUTION	No. of Stations	Daytime	Nighttime	All Hours				
				1984	1983	1982	1981	1980
<u>Major Research Universities:</u>								
N. C. State U	4,465	9.5	1.0	10.5	9.8	9.5	9.6	9.4
Vet. Med.	-	-	-	-	-	-	-	-
UNC Chap. Hill	2,083	9.9	1.5	11.4	9.9	9.3	13.8	10.9
Health Af.	-	-	-	-	-	-	-	-
SUBTOTAL	6,548	9.6	1.2	10.8	9.9	9.4	11.1	9.9
<u>Other Doctoral Universities:</u>								
UNC Greensboro	2,166	4.8	0.4	5.2	4.5	5.2	5.5	5.7
<u>Comprehensive Universities:</u>								
Appalachian SU	1,758	7.2	0.4	7.6	9.9	10.0	8.7	14.8
E. Carolina U	2,976	9.5	1.2	10.7	10.5	12.0	13.3	12.0
Health Af.	-	-	-	-	-	-	-	-
N. C. A & T SU	3,100	3.3	0.6	3.9	4.5	5.6	5.7	5.0
N. C. Central U	1,254	3.9	0.3	4.2	5.2	5.3	5.6	5.4
UNC Charlotte	1,887	10.6	1.8	12.4	13.5	12.2	12.6	12.4
W'n Carolina U	1,711	5.6	0.2	5.8	5.8	6.2	6.6	6.8
SUBTOTAL	12,686	6.7	0.8	7.5	8.2	8.8	8.9	9.5
<u>Gen. Baccalaureate Universities:</u>								
Elizabeth C. SU	1,187	4.7	0.2	4.9	5.1	5.2	16.4	10.7
Fayettev'le SU	1,200	5.3	1.0	6.3	6.3	6.3	6.7	9.5
Pembroke SU	731	4.6	0.2	4.8	4.4	4.8	6.7	7.2
UNC Asheville	431	8.3	1.9	10.2	7.9	6.6	7.4	6.9
UNC Wilmington	906	8.9	1.2	10.1	10.6	10.1	9.7	10.5
Winst.-Salem SU	574	3.7	0.1	3.8	5.4	5.4	6.0	6.7
SUBTOTAL	5,029	5.8	0.7	6.5	6.6	6.4	9.3	8.9

**Average Weekly Use of Student Stations
in Class Laboratories**

Table 6

INSTITUTION	No. of Stations	Daytime	Nighttime	All Hours				
				1984	1983	1982	1981	1980
<u>Specialized Institution:</u>								
NC Sch. of Arts	1,270	8.9	0.9	9.8	11.2	12.3	10.4	7.3
<u>Community Colleges & Tech. Inst./Col.</u>								
SUBTOTAL	41,154	9.4	3.4	12.8	13.8	14.9	15.3	15.9
PRIVATE INSTITUTIONS								
<u>Major Research Universities:</u>								
SUBTOTAL	2,218	5.7	0.1	5.8	5.7	6.8	6.4	6.2
<u>Gen. Baccalaureate Colleges:</u>								
SUBTOTAL	12,897	3.7	0.1	3.8	4.0	4.6	4.8	4.4
<u>Junior Colleges:</u>								
SUBTOTAL	2,576	4.6	0.1	4.7	5.3	5.8	6.2	6.6
GRAND TOTAL	86,544	7.6	1.9	9.5	10.1	10.8	11.2	11.2

**Average Weekly Use of Student Stations
in Class Laboratories**

Table 6

INSTITUTION	No. of Stations	Daytime	Nighttime	All Hours				
				1984	1983	1982	1981	1980
<u>Community Colleges & Tech. Inst./Col.:</u>								
Anson TC	303	4.8	3.2	8.0	10.3	13.5	14.7	12.0
Ashev'le-Bun. TC	882	10.1	3.5	13.6	16.8	16.5	16.0	17.4
Beaufort Co. CC	454	5.0	2.5	7.5	9.4	12.9	10.9	11.8
Bladen TC	352	6.1	2.4	8.5	7.6	10.7	13.2	12.5
Blue Ridge TC	542	8.7	4.3	13.0	10.7	11.3	12.5	13.0
Brunswick TC	343	6.5	3.9	10.4	13.4	15.8	10.8	7.5
Caldwell CC & TI	620	10.9	5.7	16.6	19.8	18.1	20.2	18.0
Cape Fear TI	823	11.4	6.4	17.8	22.0	25.0	23.8	20.4
Carteret TC	501	6.8	3.3	10.1	11.9	12.3	11.4	14.6
Catawba Vy. TC	1,034	6.9	3.8	10.7	13.2	12.3	11.7	12.1
C. Carolina TC	604	10.8	4.1	14.9	14.9	15.1	16.0	14.3
C. Piedmont CC	2,570	14.2	4.6	18.8	22.4	23.0	23.8	25.2
Cleveland TC	960	4.2	3.6	7.8	8.2	9.6	12.0	16.3
Coastal Car. CC	801	11.2	2.5	13.7	14.3	14.2	17.2	20.1
Col. Albemarle	672	6.1	2.2	8.3	10.6	9.5	10.6	9.0
Craven CC	716	12.4	3.7	16.1	15.7	15.5	19.9	20.2
Davidson Co. CC	728	8.1	2.3	10.4	11.0	12.2	10.3	10.9
Durham TI	866	8.5	4.7	13.2	12.9	19.3	20.9	18.5
Edgecombe TC	510	4.2	1.3	5.5	8.6	9.4	8.8	6.9
Fayettev'le TI	1,175	12.7	2.2	14.9	18.2	17.8	16.4	18.2
Forsyth TI	969	11.4	4.3	15.7	18.0	20.2	21.3	20.9
Gaston Col.	1,196	7.1	2.5	9.6	7.0	12.2	10.8	13.8
Guilford TCC	1,714	8.8	4.8	13.6	15.4	15.3	17.8	20.1
Halifax CC	477	7.0	2.3	9.3	12.3	13.2	12.7	12.8
Haywood TC	1,180	10.2	3.0	13.2	14.3	18.9	18.6	19.5
Isothermal CC	729	10.5	4.0	14.5	12.4	14.9	11.3	11.0
J. Sprunt TC	464	8.7	2.3	11.0	16.0	13.4	9.9	13.4
Johnston TC	693	8.6	2.6	11.2	13.9	15.5	16.8	17.8
Lenoir CC	894	10.6	3.0	13.6	15.5	16.0	14.6	14.5
Martin CC	647	6.5	1.7	8.2	6.3	7.3	7.7	10.9

**Average Weekly Use of Student Stations
in Class Laboratories**

Table 6

INSTITUTION	No. of Stations	Daytime	Nighttime	All Hours				
				1984	1983	1982	1981	1980
<u>Community Colleges & Tech. Inst./Col.:</u>								
Mayland TC	265	8.9	4.3	13.2	11.0	12.4	9.1	8.9
McDowell TC	507	8.0	4.9	12.9	13.8	15.1	14.5	14.2
Mitchell CC	721	5.5	4.9	10.4	12.6	10.7	11.2	12.5
Montgomery TC	368	7.6	3.9	11.5	12.2	14.7	18.8	15.8
Nash TC	502	6.7	4.4	11.1	11.2	12.9	16.6	11.3
Pamlico TC	121	6.0	2.5	8.5	10.4	12.3	10.2	8.5
Piedmont TC	426	4.3	2.0	6.3	8.1	12.0	13.7	14.3
Pitt CC	794	13.0	3.4	16.4	15.3	19.0	19.9	20.3
Randolph TC	657	12.2	3.2	15.4	16.3	17.6	16.5	15.8
Richmond TC	503	8.7	4.3	13.0	15.0	14.5	16.6	16.7
Roanoke-Cho. TC	383	10.4	1.1	11.5	11.7	13.8	11.8	9.7
Robeson TC	757	7.0	3.0	10.0	12.0	15.6	16.6	15.5
Rockingham CC	633	9.2	3.6	12.8	11.4	12.8	12.0	14.9
Rowan TC	694	9.4	5.3	14.7	13.2	13.5	11.9	10.1
Sampson TC	422	11.6	5.2	16.8	15.1	15.8	19.2	20.0
Sandhills CC	937	8.2	2.1	10.3	10.8	11.5	8.1	7.8
Southeastern CC	771	8.0	1.0	9.0	10.6	10.7	11.1	16.2
Southwestern TC	780	5.8	1.0	6.8	7.9	7.6	12.6	14.8
Stanly TC	425	8.2	3.1	11.3	10.2	9.6	10.2	12.2
Surry CC	654	13.2	4.2	17.4	16.5	18.4	16.6	17.5
TC Alamance	693	10.9	3.6	14.5	16.9	14.4	15.1	15.2
Tri-County CC	383	7.0	4.8	11.8	12.3	13.9	16.9	19.7
Vance-Granville CC	668	9.3	4.0	13.3	13.4	12.7	15.8	17.7
Wake TC	813	15.8	4.1	19.9	20.4	21.4	21.8	18.3
Wayne CC	1,078	11.6	2.0	13.6	13.9	15.9	15.1	17.4
W. Piedmont CC	616	10.9	3.7	14.6	14.0	13.3	15.3	16.1
Wilkes CC	537	8.9	1.8	10.7	12.0	13.5	13.9	14.0
Wilson Co. TI	627	8.5	3.7	12.2	10.9	10.9	14.1	20.1
TOTAL	41,154	9.4	3.4	12.8	13.8	14.9	15.3	15.9

TABLE 7:
PERCENT STUDENT STATION UTILIZATION,
CLASSROOMS AND CLASS LABORATORIES

The percent student station utilization indicates the average percentage of student stations that are occupied when classrooms or class laboratories are in use. It is calculated by dividing the student clock hours generated in classrooms (or class labs) by the potential student clock hours for classrooms (or class labs) and multiplying by 100 to convert to a percentage. Potential student clock hours is computed on a room-by-room basis by multiplying the number of student stations in each room by the room hours of instruction generated by the room (Tables 3 and 4). It indicates the number of student clock hours which would be generated if every room were filled to capacity (i.e., if the number of students equalled the number of stations) each time a course met in the room.

It is important to keep in mind that the percent student station utilization assesses the utilization of rooms only when they are in use. This figure is therefore a helpful indicator of how close to capacity an institution's courses are to the rooms in which they are scheduled. It does not, however, indicate the over-all efficiency of utilization since it does not take into account how frequently a room is used.

Frequently cited norms for percent student station utilization are 60% for classrooms and 80% for class laboratories. The higher percentage for class labs reflects the assumption that these rooms, although used less frequently than classrooms because of their specialized equipment, are usually closer to being filled to capacity when they are in use. Data for North Carolina colleges and universities, however, indicate that the percent student station utilization in class labs is not significantly higher than in classrooms. For both types of rooms, the average percentage is less than 60%.

$$\text{PERCENT STUDENT STATION UTILIZATION IN CLASSROOMS (OR CLASS LABS) =} \\ \frac{\text{STUDENT CLOCK HOURS IN CLASSROOMS (OR CLASS LABS)}}{\text{POTENTIAL STUDENT CLOCK HOURS IN CLASSROOMS (OR CLASS LABS)}}$$

Percent Student Station Utilization, Classrooms and Class Laboratories

Table 7

INSTITUTION	Classrooms					Laboratories				
	1984	1983	1982	1981	1980	1984	1983	1982	1981	1980
<u>Major Research Universities:</u>										
N. C. State U	59.6	58.8	59.7	58.1	60.8	71.8	68.7	58.3	65.9	68.2
Vet. Med.	-	-	-	-	-	-	-	-	-	-
UNC Chap. Hill	58.8	58.8	61.4	59.6	59.8	62.6	56.8	59.1	68.6	58.7
Health Af.	-	-	-	-	-	-	-	-	-	-
SUBTOTAL	59.2	58.8	60.5	58.8	60.3	68.4	63.8	58.6	67.1	64.2
<u>Other Doctoral Universities:</u>										
UNC Greensboro	54.7	55.2	51.1	51.3	55.3	47.6	41.5	40.7	40.5	50.4
<u>Comprehensive Universities:</u>										
Appalachian SU	53.8	56.7	58.8	50.0	58.5	52.8	60.7	57.2	50.8	45.6
E. Carolina U	58.5	59.7	56.8	55.1	64.6	63.2	65.1	68.1	71.9	66.5
Health Af.	-	-	-	-	-	-	-	-	-	-
N. C. A & T SU	52.3	51.0	53.4	54.3	54.0	40.5	46.7	48.2	48.4	40.0
N. C. Central U	46.6	53.5	55.5	56.6	56.2	49.3	55.4	60.0	59.2	51.5
UNC Charlotte	56.4	56.4	58.0	58.2	59.1	67.0	68.9	68.0	69.7	70.0
W'n Carolina U	53.9	54.2	55.4	57.1	59.6	40.2	40.0	43.2	49.5	51.5
SUBTOTAL	54.5	56.0	56.8	54.8	59.4	54.5	58.1	58.9	59.7	54.5
<u>Gen. Baccalaureate Universities:</u>										
Elizabeth C. SU	42.5	42.1	38.4	44.1	44.7	44.4	44.3	47.0	64.7	55.8
Fayettev'le SU	48.4	54.4	53.8	58.2	66.8	48.0	45.0	54.5	56.2	56.5
Pembroke SU	49.6	48.0	49.4	43.9	50.4	56.5	46.4	45.0	47.0	44.5
UNC Asheville	63.0	53.1	39.1	40.8	44.6	72.3	52.3	42.1	56.8	54.9
UNC Wilmington	56.1	55.7	55.0	53.8	55.7	56.7	60.1	60.6	58.4	61.7
Winst.-Salem SU	46.7	45.5	43.4	46.2	42.7	47.8	61.9	59.4	62.1	62.9
SUBTOTAL	52.1	51.0	47.7	48.7	51.3	52.7	50.9	52.2	58.7	55.6

**Percent Student Station Utilization,
Classrooms and Class Laboratories**

Table 7

INSTITUTION	Classrooms					Laboratories				
	1984	1983	1982	1981	1980	1984	1983	1982	1981	1980
<u>Specialized Institution:</u>										
NC Sch. of Arts	63.6	62.0	60.0	54.8	52.9	47.5	55.7	54.2	55.8	48.0
<u>Community Colleges & Tech. Inst./Col.</u>										
SUBTOTAL	50.9	55.0	59.4	59.5	59.8	56.0	59.0	63.0	65.3	59.9
PRIVATE INSTITUTIONS										
<u>Major Research Universities:</u>										
SUBTOTAL	52.0	53.4	54.6	56.2	51.0	78.3	74.4	75.6	71.7	70.0
<u>Gen. Baccalaureate Colleges:</u>										
SUBTOTAL	47.7	49.1	49.1	49.0	51.5	44.6	45.9	47.0	46.5	50.0
<u>Junior Colleges:</u>										
SUBTOTAL	57.6	57.2	57.9	59.3	62.2	50.3	51.3	57.3	58.0	59.7
GRAND TOTAL	52.9	54.6	56.0	55.5	57.2	55.6	57.6	60.0	62.0	58.4

Percent Student Station Utilization, Classrooms and Class Laboratories

Table 7

INSTITUTION	Classrooms					Laboratories				
	1984	1983	1982	1981	1980	1984	1983	1982	1981	1980
<u>Community Colleges</u> <u>& Tech. Inst./Col.:</u>										
Anson TC	20.4	37.0	34.6	42.1	36.0	34.7	39.2	46.4	50.6	39.2
Ashev'le-Bun. TC	56.7	56.1	67.7	61.8	64.8	69.0	73.3	77.6	77.5	80.7
Beaufort Co. CC	39.8	51.3	48.2	49.5	51.5	47.4	56.4	64.9	59.5	52.8
Bladen TC	58.8	57.6	80.0	68.9	66.2	53.5	60.2	61.7	74.3	66.5
Blue Ridge TC	56.2	57.2	58.3	61.6	58.8	52.2	48.8	51.3	48.7	36.1
Brunswick TC	53.2	65.4	74.4	68.4	80.0	63.0	65.3	80.9	52.4	62.7
Caldwell CC & TI	58.0	57.6	63.3	62.8	58.7	58.7	71.3	63.5	71.8	43.7
Cape Fear TI	69.6	80.0	85.0	83.1	90.4	70.7	80.9	85.9	87.9	84.7
Carteret TC	55.5	58.7	65.9	56.3	62.5	49.0	56.7	63.4	62.7	74.3
Catawba Vy. TC	55.3	64.2	66.8	68.4	66.4	49.6	59.9	59.8	64.9	61.9
C. Carolina TC	54.9	55.1	64.2	66.0	66.6	56.4	57.1	58.8	58.6	67.2
C. Piedmont CC	51.1	57.4	61.3	62.0	62.4	52.4	57.5	62.5	68.1	40.8
Cleveland TC	44.1	45.9	53.1	53.4	62.3	52.4	46.8	58.9	69.6	77.2
Coastal Car. CC	69.8	69.4	73.2	74.2	74.3	73.1	68.1	72.4	76.7	80.8
Col. Albemarle	40.4	50.5	58.8	56.4	62.5	51.2	61.0	59.9	67.5	58.9
Craven CC	46.8	46.1	54.1	57.2	64.4	55.0	54.7	55.9	65.0	63.5
Davidson Co. CC	52.4	55.2	62.8	62.9	68.6	53.7	53.2	57.1	54.9	60.8
Durham TI	53.8	56.8	67.2	62.2	69.9	61.2	67.3	65.7	69.7	69.4
Edgecombe TC	41.5	44.9	48.1	51.1	49.8	38.8	48.0	47.6	51.1	52.6
Fayettev'le TI	50.7	55.2	59.9	57.2	61.9	59.2	68.1	70.8	70.2	78.0
Forsyth TI	60.7	65.0	67.7	63.1	58.7	61.9	69.9	73.7	75.7	75.6
Gaston Col.	51.8	58.5	57.4	62.9	59.5	66.6	55.9	66.9	71.6	72.5
Guilford TCC	48.6	52.3	61.9	62.4	62.2	60.2	49.5	67.1	73.6	67.8
Halifax CC	49.4	47.5	48.7	53.6	52.9	38.7	51.8	52.8	53.2	50.2
Haywood TC	44.5	51.7	55.7	49.8	61.7	57.7	67.0	74.8	75.6	55.8
Isothermal CC	36.1	47.6	53.6	47.9	44.0	45.8	44.7	59.9	49.8	37.3
J. Sprunt TC	48.5	46.5	55.7	48.8	41.4	43.3	70.6	58.7	48.9	47.6
Johnston TC	44.1	49.7	61.5	57.0	63.6	51.7	56.6	52.0	55.4	58.4
Lenoir CC	53.2	57.6	64.3	67.5	57.3	61.0	62.5	64.7	61.0	61.8
Martin CC	41.1	47.3	45.7	44.3	54.9	46.0	37.7	44.4	46.4	53.9

**Percent Student Station Utilization,
Classrooms and Class Laboratories**

Table 7

INSTITUTION	Classrooms					Laboratories				
	1984	1983	1982	1981	1980	1984	1983	1982	1981	1980
<u>Community Colleges & Tech. Inst./Col.:</u>										
Mayland TC	40.7	45.3	46.1	40.2	38.4	47.1	37.9	56.4	37.2	31.1
McDowell TC	46.2	44.7	49.5	46.7	40.5	50.6	52.6	61.6	56.4	56.3
Mitchell CC	46.9	47.9	49.9	55.1	55.5	54.7	58.2	58.1	62.2	67.4
Montgomery TC	49.5	62.9	70.1	66.9	61.7	45.2	57.3	56.2	64.1	62.2
Nash TC	50.7	53.9	62.1	54.2	49.3	59.6	65.2	71.3	79.6	66.4
Pamlico TC	34.4	39.9	55.2	29.9	36.7	42.8	42.5	51.4	49.7	47.8
Piedmont TC	46.0	51.7	62.7	66.8	50.7	49.2	51.5	64.5	54.8	81.1
Pitt CC	49.5	52.7	53.1	53.2	53.8	55.0	54.5	57.7	64.9	65.0
Randolph TC	73.6	70.6	69.3	76.6	76.0	74.8	73.3	80.6	85.3	86.9
Richmond TC	50.3	47.6	44.1	46.2	49.5	58.6	63.1	64.7	62.1	69.2
Roanoke-Cho. TC	55.4	59.6	55.8	61.9	52.7	51.2	44.2	46.9	45.1	52.2
Robeson TC	55.6	57.7	61.3	59.1	68.4	53.7	58.0	63.1	64.6	67.8
Rockingham CC	51.8	54.1	59.7	61.1	55.2	55.4	64.2	64.0	65.9	73.5
Rowan TC	46.1	52.6	49.1	49.1	49.4	65.8	60.1	71.0	67.0	65.8
Sampson TC	51.0	61.8	60.8	55.1	50.7	55.9	67.0	51.3	54.1	55.9
Sandhills CC	50.6	56.8	54.7	65.0	62.8	47.6	56.5	54.0	65.7	59.2
Southeastern CC	44.2	44.3	49.2	48.3	51.0	56.8	59.7	50.3	58.0	60.3
Southwestern TC	36.6	45.5	48.8	78.6	81.2	49.7	56.3	56.5	74.8	44.4
Stanly TC	58.7	47.5	54.7	48.5	43.5	43.8	40.4	50.8	48.2	46.0
Surry CC	67.1	68.2	70.8	73.6	67.4	63.1	60.6	65.9	69.9	70.4
TC Alamance	49.3	56.5	60.5	60.2	62.1	57.2	65.8	66.7	61.3	64.8
Tri-County CC	41.8	45.5	52.9	49.8	54.3	51.4	55.8	61.2	64.6	68.8
Vance-Granv'le CC	43.5	49.6	47.3	57.5	55.8	56.1	61.7	58.6	70.6	82.2
Wake TC	58.9	63.0	68.2	69.6	73.0	80.8	79.1	84.2	84.4	80.4
Wayne CC	51.7	54.3	55.2	56.7	55.3	57.0	60.2	66.6	61.9	64.4
W. Piedmont CC	44.4	50.9	52.6	52.9	53.4	52.8	60.0	56.9	64.1	70.0
Wilkes CC	49.5	51.1	60.6	53.9	49.3	45.5	45.9	53.0	56.8	64.0
Wilson Co. TI	45.9	51.0	58.7	70.7	62.4	58.0	44.1	54.3	55.6	57.2
TOTAL	50.9	55.0	59.4	59.5	59.8	56.0	59.0	63.0	65.3	59.9

TABLE 8: STUDENT CLOCK HOURS OF INSTRUCTION

This table indicates the weekly student clock hours of instruction being conducted at the end of the fall add-drop period. Student clock hours are computed by multiplying for each course the number of hours that the course meets each week by the number of students enrolled. (To compute the number of hours that the course meets each week, the class length is rounded to the nearest half hour and multiplied by the number of times the class meets weekly.) The data reflect both credit and non-credit courses which were at least eight weeks in duration.

The columns headed "Laboratories" reflect instruction conducted only in class laboratories (room code 210). A precise definition of class laboratory is provided on page 30. The columns headed "Other" reflect instruction in rooms coded other than 110 or 210 (e.g., other types of laboratories, physical education facilities, offices). An outline of the room code structure is contained on page 118.

The number of clock hours conducted in a particular category of space is a function of the number of students enrolled, the nature of the instructional programs being pursued by the students, and the instructional philosophy of the institution. As a result, the number of student clock hours generated per FTE student varies greatly by type of institution:

INSTITUTIONAL GROUP	STUDENT CLOCK HR./FTE
By Control:	
University of North Carolina	16
Private Institutions	14
Technical/Community Colleges	22
By Level:	
Major Research Universities	15
Other Baccalaureate-Granting Institutions	15
Two-year Institutions	22
ALL NORTH CAROLINA INSTITUTIONS	17

Student Clock Hours of Instruction

Table 8

INSTITUTION	1984			1983			1982		
	Classrooms	Laboratories	Other	Classrooms	Laboratories	Other	Classrooms	Laboratories	Other
<u>Major Research Universities:</u>									
N. C. State U	264,925.5	46,803.5	13,336.0	254,931.0	39,114.5	19,012.0	255,198.5	41,172.0	16,421.0
Vet. Med.	-	-	-	-	-	-	-	-	-
UNC Chap. Hill	207,584.0	23,823.5	10,577.5	209,868.5	22,166.0	10,749.5	211,593.0	22,253.0	13,652.5
Health Af.	-	-	-	-	-	-	-	-	-
SUBTOTAL	472,509.5	70,627.0	23,913.5	464,799.5	61,280.5	29,761.5	466,791.5	63,425.0	30,073.5
<u>Other Doctoral Universities:</u>									
UNC Greensboro	96,121.5	11,309.0	11,835.0	97,163.0	9,946.0	13,395.5	96,296.5	12,606.0	13,632.5
<u>Comprehensive Universities:</u>									
Appalachian SU	117,094.0	13,457.5	4,687.5	114,535.0	18,120.0	2,354.0	113,603.0	17,067.5	8,431.5
E. Carolina U	136,739.0	31,565.0	6,570.0	135,545.5	31,463.0	5,664.5	135,570.0	34,114.5	4,760.5
Health Af.	-	-	-	-	-	-	-	-	-
N. C. A & T SU	60,194.5	12,050.0	7,255.0	57,859.5	13,525.0	8,431.5	59,891.5	16,211.0	10,262.0
N. C. Central U	47,392.0	5,270.5	4,727.0	52,082.0	6,477.0	5,542.0	54,841.5	6,630.5	6,052.0
UNC Charlotte	105,383.5	23,424.5	6,646.5	104,770.5	25,329.0	5,270.0	105,207.0	22,230.0	5,554.5
W'n Carolina U	61,540.0	9,939.0	16,437.0	61,374.0	9,902.0	15,087.5	58,839.5	9,831.0	17,161.0
SUBTOTAL	528,343.0	95,706.5	46,323.0	526,166.5	104,816.0	42,349.5	527,952.5	106,084.5	52,221.5
<u>Gen. Baccalaureate Universities:</u>									
Elizabeth C. SU	18,722.5	5,822.5	1,204.5	17,541.0	5,700.0	2,851.0	17,372.5	5,774.0	2,404.0
Fayetteville SU	25,385.0	7,529.0	1,267.5	26,671.0	7,567.5	2,565.0	25,144.5	7,967.5	2,956.5
Pembroke SU	20,925.5	3,552.0	1,708.0	20,510.0	3,103.5	1,955.0	22,771.0	3,346.5	2,194.0
UNC Asheville	32,677.5	4,393.0	3,583.5	25,861.5	3,439.0	3,691.0	23,925.0	3,092.0	3,518.5
UNC Wilmington	63,128.0	9,087.0	5,028.0	61,132.0	10,028.5	4,632.0	61,031.0	8,911.0	3,851.0
Winst.-Salem SU	26,192.0	2,157.0	4,080.0	24,892.5	2,830.0	4,019.0	23,913.0	2,792.0	2,669.0
SUBTOTAL	187,030.5	32,540.5	16,871.5	176,608.0	32,668.5	19,713.0	174,157.0	31,883.0	17,593.0
<u>Specialized Institution:</u>									
NC Sch. of Arts	6,880.5	12,363.5	2,529.0	5,791.0	14,000.5	7,740.0	4,737.5	15,012.0	6,338.5
<u>Community Colleges & Tech. Inst./Col.:</u>									
SUBTOTAL	795,814.0	528,313.0	95,753.0	864,585.5	555,121.5	81,333.5	917,691.0	586,967.5	88,429.5
PRIVATE INSTITUTIONS									
<u>Major Research Universities:</u>									
SUBTOTAL	149,761.0	13,015.0	11,983.0	145,174.0	13,330.0	13,108.5	137,534.0	16,245.5	6,843.0
<u>Gen. Baccalaureate Colleges:</u>									
SUBTOTAL	368,355.0	49,302.5	40,715.5	373,427.5	49,298.0	44,161.0	379,791.0	57,013.0	47,172.0
<u>Junior Colleges:</u>									
SUBTOTAL	58,750.0	12,203.5	8,042.5	64,893.5	14,234.0	7,736.5	66,807.0	14,655.0	10,151.0
GRAND TOTAL	2,663,565.0	825,380.5	257,966.0	2,718,608.5	854,695.0	259,299.0	2,771,758.0	903,891.5	272,454.5

Student Clock Hours of Instruction

Table 8

INSTITUTION	1984			1993			1982		
	Classrooms	Laboratories	Other	Classrooms	Laboratories	Other	Classrooms	Laboratories	Other
Community Colleges & Tech. Inst./Col.									
Anson TC	1,418.0	2,420.0	289.0	1,930.0	3,111.0	470.0	1,837.5	4,056.0	364.0
Asheville-Bun. TC	21,424.5	11,995.0	1,246.0	26,368.0	13,877.5	1,036.0	27,136.0	13,670.0	1,792.0
Beaufort Co. CC	7,851.0	3,403.0	12.0	8,237.5	4,143.0	214.0	8,715.5	5,361.0	329.5
Bladen TC	2,611.0	3,002.5	213.0	3,094.5	2,362.5	73.0	4,131.0	3,379.5	225.0
Blue Ridge TC	9,803.0	7,018.0	195.0	9,508.5	6,431.5	274.0	10,502.0	6,770.5	420.0
Brunswick TC	5,081.5	3,557.5	344.5	3,735.5	3,371.5	343.0	2,519.0	3,050.0	152.0
Caldwell CC & TI	11,259.5	10,309.5	1,406.0	11,245.0	12,269.0	1,087.0	12,575.0	12,217.5	1,683.5
Cape Fear TI	12,426.0	14,600.5	4,470.0	14,345.0	18,076.0	2,122.0	14,830.0	19,566.0	2,623.0
Carteret TC	10,849.5	5,062.0	-	10,354.0	5,946.5	426.0	10,985.0	6,113.0	-
Catawba Vy. TC	16,167.5	11,126.5	1,638.0	18,164.0	13,329.0	2,595.0	20,652.0	12,195.5	1,420.0
C. Carolina TC	14,536.0	9,003.0	894.0	16,843.5	9,491.0	726.5	18,764.0	10,136.5	404.0
C. Piedmont CC	87,540.0	48,289.0	7,772.5	93,299.5	55,686.0	7,425.0	98,955.5	60,099.5	4,828.5
Cleveland TC	9,918.0	7,525.5	4,872.0	10,102.0	7,425.0	2,300.5	11,610.0	8,512.0	1,344.0
Coastal Car. CC	24,875.0	10,937.0	2,095.0	24,647.5	11,454.0	2,934.0	25,322.0	12,154.0	2,776.5
Col. Albemarle	7,973.0	5,535.0	2,097.0	11,878.0	7,584.5	1,692.0	12,217.0	7,012.0	900.0
Craven CC	13,167.5	11,506.5	2,448.0	9,877.5	9,437.0	1,174.0	10,189.0	9,221.0	1,169.0
Davidson Co. CC	19,057.0	7,601.5	2,511.5	19,830.0	9,299.5	1,120.0	26,059.5	9,581.5	2,199.5
Durham TI	22,893.0	11,379.0	1,822.0	22,511.0	11,442.5	1,229.0	25,186.5	14,993.0	1,856.0
Edgecombe TC	6,950.0	2,777.0	941.5	8,943.5	4,120.0	493.0	10,236.5	4,156.5	516.0
Fayetteville TI	48,038.0	17,569.0	2,141.5	53,925.0	20,004.0	1,991.0	54,932.0	20,321.0	1,103.0
Forsyth TI	23,691.0	15,241.0	1,542.0	27,202.0	17,055.0	1,921.0	25,816.5	18,384.0	2,474.0
Gaston Col.	19,607.5	11,534.0	2,776.5	21,179.5	9,247.5	1,483.0	25,286.0	14,453.0	1,162.0
Guilford TCC	36,962.0	23,242.5	4,416.0	40,254.5	22,167.0	8,094.0	45,201.0	20,251.5	14,091.0
Halifax CC	8,415.0	4,443.5	3,897.5	8,253.0	5,651.5	1,069.5	9,143.5	6,174.0	2,596.0
Haywood TC	7,268.0	15,503.5	1,096.0	9,182.0	16,408.5	981.0	8,669.0	18,337.0	520.0
Isothermal CC	9,653.5	10,577.0	4,784.0	9,627.0	7,825.0	5,457.0	10,134.5	9,440.0	5,134.0
J. Sprunt TC	5,554.5	5,078.0	441.0	5,583.5	7,251.0	1,555.0	7,737.5	5,787.5	283.5
Johnston TC	12,849.5	7,764.5	520.5	14,752.5	9,637.0	90.0	14,722.0	10,003.0	342.0
Lenoir CC	15,020.5	12,154.0	4,333.0	17,223.0	13,444.5	699.0	19,010.0	13,864.5	3,032.0
Martin CC	4,141.5	5,284.5	1,247.0	4,692.0	4,495.0	2,675.0	5,393.5	5,229.0	1,702.5
Mayland TC	4,412.5	3,509.5	567.0	5,384.5	2,814.0	438.0	4,487.0	3,539.0	604.0
McDowell TC	3,433.0	6,545.0	954.0	3,001.5	6,533.5	286.0	3,196.5	7,211.5	452.0
Mitchell CC	12,597.5	7,531.0	737.5	11,600.5	6,707.0	883.5	12,598.0	6,339.0	570.5
Montgomery TC	2,025.0	4,218.5	330.0	3,410.0	4,487.0	247.0	3,879.5	5,401.0	893.0
Nash TC	9,772.0	5,582.0	1,458.0	8,956.5	5,753.5	18.0	10,302.0	6,715.0	3,878.0
Pamlico TC	1,074.0	1,039.0	240.0	974.0	1,249.0	238.0	1,173.0	1,386.0	409.0
Piedmont TC	5,078.5	2,665.0	1,054.0	5,504.5	2,984.0	657.5	6,615.0	4,055.0	1,367.0
Pitt CC	18,782.0	13,031.5	1,686.0	21,865.0	11,542.0	1,308.0	22,413.0	13,110.0	1,317.0
Randolph TC	8,785.0	10,126.5	1,644.0	8,504.5	10,712.0	1,754.0	7,640.0	11,823.5	1,178.0
Richmond TC	8,964.5	6,570.0	1,358.0	10,854.5	7,555.0	1,282.0	12,766.0	7,309.0	752.0
Roanoke-Chs. TC	5,695.0	4,376.5	578.0	4,164.0	4,431.0	363.0	5,526.5	4,678.0	913.5
Robeson TC	8,374.5	7,531.0	1,325.5	7,697.0	8,808.5	1,060.0	11,923.0	11,454.0	1,096.0
Rockingham CC	13,019.5	8,143.0	576.0	15,343.5	7,508.0	757.0	16,608.0	8,530.5	1,040.0
Rowan TC	15,745.0	10,199.0	1,200.0	21,484.5	9,547.0	88.0	17,139.5	9,612.0	-
Sampson TC	8,588.0	7,091.5	166.0	8,785.0	6,853.5	27.0	7,573.0	5,299.5	-
Sandhills CC	17,246.0	9,687.0	1,822.0	19,095.5	10,189.0	1,725.0	19,771.5	9,821.0	2,155.5
Southeastern CC	11,589.0	6,914.0	2,150.0	11,578.5	8,180.5	1,805.0	13,102.5	8,213.0	1,346.0
Southwestern TC	7,009.0	5,258.0	3,443.0	12,486.0	5,933.0	944.0	10,097.5	5,355.0	2,185.5
Stanly TC	9,009.0	4,818.0	108.0	8,339.5	4,328.0	583.0	9,007.5	4,089.0	208.0
Surry CC	13,573.5	11,333.0	1,807.5	14,070.0	9,883.5	1,350.0	15,610.5	10,954.5	2,221.0
TC Alamance	18,353.0	10,028.0	1,138.0	19,101.5	12,184.0	1,311.5	18,867.0	10,469.0	1,642.0
Tri-County CC	4,836.0	4,513.0	1,468.0	4,984.5	4,870.5	1,348.0	5,837.0	5,387.0	1,465.5
Vance-Granville CC	9,098.5	8,877.0	116.0	10,393.0	8,955.0	-	9,306.0	8,495.0	42.5
Wake TC	28,901.5	16,213.0	1,100.0	30,609.5	15,196.0	1,656.0	30,008.0	14,034.0	900.0
Wayne CC	20,014.0	14,705.0	1,260.0	24,039.5	14,940.5	966.0	25,044.0	17,392.5	36.0
W. Piedmont CC	9,267.0	8,989.5	1,125.0	10,385.0	8,142.5	1,011.0	11,296.5	7,651.5	973.0
Wilkes CC	13,682.0	5,700.0	1,512.5	14,271.0	5,926.0	1,224.0	15,610.0	6,989.0	1,126.0
Wilson Co. TI	9,087.5	7,679.0	2,367.0	10,914.0	6,865.0	4,253.5	11,824.5	7,164.5	2,216.0
TOTAL	795,814.0	528,313.0	95,753.0	864,585.5	555,121.5	81,333.5	917,691.0	586,967.5	88,429.5

**TABLE 9:
SPACE FACTORS**

A space factor is the assignable square feet of a given type of space divided by the student clock hours of instruction generated from that type of space. It is very useful to facilities planners in that it combines into a single factor the concepts of weekly room hours (Tables 3 and 4), percent student station utilization (Table 7), and assignable square feet per student station (Tables 16 and 17). The lower the space factor, the more effectively the space is being utilized for instructional purposes.

Space factors can be specifically defined in two ways. For Table 9, the formula:

$$\text{Space Factor} = \frac{\text{Assignable Square Feet}}{\text{Student Clock Hours}}$$

is used. Note that space factors must relate to a specified type of space. Therefore, for example, a classroom space factor is calculated by dividing the assignable square feet of classroom space by the student clock hours generated in classrooms.

An alternative formula is:

$$\text{Space Factor} = \frac{\text{Assignable Sq. Ft./Station}}{\text{Avg. Weekly Room Hours X Percent Station Utilization}}$$

Although the two are equivalent, they may produce slightly different results because of the rounding which is inherent in the second formula. The second formula is nevertheless useful in calculating space factor norms.

Classrooms. If the norms cited for Tables 3, 7, and 16 are used for the three factors which comprise the second formula, the result is a space factor of .89:

$$\text{Classroom Space Factor} = \frac{16}{30 \times .60} = 0.89$$

Although this represents a frequently cited norm for classroom space factors, it is considerably lower (i.e., more efficient) than the classroom space factors of most North Carolina institutions. A more relevant norm can be calculated by using the state averages for the three required indices:

$$\text{Classroom Space Factor} = \frac{17}{22.2 \times .546} = 1.40$$

Class Laboratories. The average assignable square footage per station in class laboratories varies widely among different types of labs. (Page 130 provides some average figures for selected labs.) This variance results in a wide range of space factors and makes the defining of norms difficult.

A useful way to approach this problem is to distinguish between engineer/mechanical class labs and other class labs. Most engineer/mechanical labs require relatively large amounts of space per station because of the equipment that is used. One hundred square feet per station is a reasonable mean for these labs. Using this figure, and the norms cited for Tables 4 and 7, the following space factor is derived:

$$\text{Engineering/Mechanical Lab Space Factor} = \frac{100}{20 \times .80} = 6.25$$

Other kinds of class labs require considerably less space per student station. If 40 square feet is used as the norm, the following space factor is derived:

$$\text{"Other Lab" Space Factor} = \frac{40}{20 \times .80} = 2.5$$

Teaching Areas. Teaching areas represent the sum of classroom and class laboratory space. A space factor norm for teaching areas has not been derived, but the group means can be useful in assessing the extent of utilization.

Table 10 has also been developed to assist institutions in analyzing their utilization data. High, low, and weighted means are reported for average weekly room hours, percent student station utilization, and space factors in both classrooms and class laboratories.

Space Factors

Table 9

INSTITUTION	Classrooms					Laboratories					Teaching Areas				
	1984	1983	1982	1981	1980	1984	1983	1982	1981	1980	1984	1983	1982	1981	1980
<u>Major Research Universities:</u>															
N. C. State U	0.78	0.82	0.88	0.88	0.80	5.60	6.12	6.44	6.28	6.42	1.50	1.53	1.65	1.62	1.61
Vet. Med.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UNC Chap. Hill	0.96	0.97	0.99	0.97	1.00	3.51	4.11	4.32	2.94	3.54	1.23	1.27	1.31	1.23	1.29
Health Aff.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SUBTOTAL	0.86	0.89	0.93	0.93	0.89	4.90	5.40	5.69	4.77	5.27	1.39	1.41	1.50	1.44	1.47
<u>Other Doctoral Universities:</u>															
UNC Greensboro	1.41	1.51	1.28	1.32	1.39	7.21	7.66	6.05	5.89	6.11	2.02	2.08	1.83	1.88	1.98
<u>Comprehensive Universities:</u>															
Appalachian SU	1.17	1.15	1.11	1.23	1.25	4.16	3.26	3.26	3.98	2.33	1.47	1.44	1.39	1.59	1.47
E. Carolina U	1.07	1.07	1.06	1.04	1.00	4.01	4.02	3.64	3.54	3.41	1.63	1.63	1.58	1.54	1.51
Health Aff.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N. C. A & T SU	1.88	1.97	1.77	1.67	1.85	8.85	7.86	6.23	5.78	6.68	3.04	3.09	2.72	2.59	2.86
N. C. Central U	2.05	1.72	1.62	1.45	1.48	8.19	6.66	6.47	6.00	6.27	2.66	2.26	2.14	1.93	1.97
UNC Charlotte	0.74	0.73	0.74	0.75	0.65	3.15	2.91	3.26	3.21	3.35	1.18	1.16	1.18	1.21	1.18
W'n Carolina U	1.48	1.59	1.68	1.48	1.50	7.18	6.95	6.65	6.13	6.19	2.27	2.34	2.39	2.16	2.19
SUBTOTAL	1.26	1.25	1.22	1.19	1.19	4.99	4.56	4.35	4.30	3.97	1.83	1.80	1.74	1.72	1.71
<u>Gen. Baccalaureate Universities:</u>															
Elizabeth C. SU	2.00	2.07	2.02	1.45	1.21	7.34	7.16	7.07	2.31	3.53	3.26	3.32	3.28	1.85	2.05
Fayetteville SU	1.49	1.26	1.37	1.27	1.00	4.13	4.24	4.52	4.13	2.83	2.09	1.92	2.13	2.02	1.39
Pembroke SU	2.25	2.34	2.11	1.93	1.91	5.51	6.18	5.73	4.11	3.83	2.72	2.85	2.57	2.28	2.26
UNC Asheville	0.94	1.18	1.30	1.42	1.95	4.04	5.16	5.73	5.43	5.76	1.31	1.65	1.81	2.04	2.65
UNC Wilmington	0.79	0.83	0.86	0.77	0.88	3.51	3.30	3.75	3.74	3.64	1.13	1.18	1.23	1.16	1.23
Winst.-Salem SU	2.41	2.13	1.99	1.86	1.98	8.42	5.87	5.59	5.12	4.73	2.86	2.51	2.36	2.21	2.34
SUBTOTAL	1.42	1.43	1.43	1.32	1.34	4.95	4.88	5.10	3.56	3.78	1.94	1.97	2.00	1.78	1.81
<u>Specialized Institution:</u>															
NC Sch. of Arts	2.16	2.57	3.14	2.01	1.82	5.89	5.55	5.09	4.37	6.18	4.55	4.68	4.62	3.74	4.60
<u>Community Colleges & Tech. Inst./Col.:</u>															
SUBTOTAL	1.48	1.33	1.24	1.26	1.29	4.15	3.89	3.61	3.57	3.51	2.55	2.33	2.16	2.17	2.18
PRIVATE INSTITUTIONS															
<u>Major Research Universities:</u>															
SUBTOTAL	1.43	1.44	1.47	1.37	1.49	6.68	6.86	5.77	6.03	5.94	1.85	1.90	1.92	1.82	1.94
<u>Gen. Baccalaureate Colleges:</u>															
SUBTOTAL	1.76	1.68	1.65	1.64	1.69	8.59	8.20	6.99	6.82	7.36	2.57	2.44	2.35	2.32	2.40
<u>Junior Colleges:</u>															
SUBTOTAL	1.87	1.75	1.68	1.62	1.58	7.43	6.55	5.83	5.42	5.11	2.83	2.61	2.42	2.32	2.24
GRAND TOTAL	1.37	1.32	1.28	1.27	1.29	4.77	4.53	4.24	4.08	4.09	2.17	2.09	2.01	1.97	2.00

Space Factors

Table 9

INSTITUTION	Classrooms					Laboratories					Teaching Areas				
	1984	1983	1982	1981	1980	1984	1983	1982	1981	1980	1984	1983	1982	1981	1980
Community Colleges & Tech. Inst./Col.															
Anson TC	5.61	4.12	4.18	4.74	2.36	7.12	5.54	4.25	4.51	5.77	6.57	5.00	4.23	4.58	3.91
Ashev'le-Bun. TC	1.95	1.56	1.52	1.44	1.68	4.95	3.93	3.99	4.08	3.66	3.03	2.38	2.35	2.36	2.42
Beaufort Co. CC	2.61	2.33	2.07	2.10	1.56	8.72	7.08	5.34	6.43	5.94	4.45	3.92	3.32	3.53	3.14
Bladen TC	1.75	1.74	1.35	1.47	1.60	7.89	9.40	6.79	5.49	4.48	5.04	5.05	3.80	3.54	3.09
Blue Ridge TC	1.46	1.66	1.50	1.38	1.53	5.96	6.30	5.99	5.14	4.88	3.34	3.53	3.26	2.72	2.73
Brunswick TC	1.81	2.11	2.83	2.25	0.88	5.57	4.85	2.74	3.87	2.89	3.36	3.41	2.78	3.00	1.26
Caldwell CC & TI	1.38	1.38	1.13	1.18	1.22	3.68	3.09	3.18	3.01	3.12	2.48	2.27	2.14	2.13	2.20
Cape Fear TI	1.24	1.07	0.97	1.08	1.13	3.91	3.16	2.72	2.89	3.27	2.68	2.23	1.97	2.09	2.36
Carteret TC	1.48	1.46	1.33	1.40	1.34	5.53	4.71	4.66	5.17	4.35	2.77	2.64	2.52	2.70	2.39
Catawba Vy. TC	1.75	1.45	1.37	1.36	1.47	5.11	4.29	4.65	5.03	4.67	3.12	2.65	2.58	2.61	2.60
C. Carolina TC	1.06	0.94	0.85	0.89	1.02	3.36	3.27	3.21	3.03	3.52	1.94	1.78	1.68	1.69	1.91
C. Piedmont CC	0.91	0.84	0.80	0.78	0.75	2.40	2.06	2.04	2.16	2.06	1.43	1.29	1.27	1.29	1.25
Cleveland TC	2.18	2.14	2.18	2.68	1.56	5.43	5.29	4.13	3.56	3.38	3.58	3.47	3.01	3.10	2.41
Coastal Car. CC	0.91	0.92	0.89	0.78	0.74	4.52	4.32	4.09	3.00	2.65	2.01	2.00	1.93	1.52	1.41
Col. Albemarle	1.60	1.15	1.14	1.24	1.10	5.75	4.41	4.85	4.34	4.88	3.30	2.42	2.49	2.52	2.42
Craven CC	1.32	1.62	1.30	1.08	0.91	2.72	3.02	3.11	2.02	2.10	1.97	2.31	2.16	1.60	1.53
Davidson Co. CC	1.47	1.25	0.94	1.12	1.18	4.57	4.16	3.88	4.68	4.50	2.36	2.18	1.73	1.98	2.04
Durham TI	1.08	1.07	0.94	1.05	1.06	4.22	4.17	2.93	2.77	3.19	2.12	2.12	1.68	1.79	1.92
Edgecombe TC	3.06	2.31	2.02	2.02	2.34	10.64	7.05	6.87	7.36	9.74	5.23	3.81	3.42	3.53	4.09
Fayettev'le TI	1.07	0.89	0.88	0.91	0.95	3.10	2.67	2.82	3.19	2.93	1.61	1.37	1.41	1.42	1.44
Forsyth TI	1.15	0.98	1.03	1.01	1.13	4.42	3.96	3.67	3.46	3.62	2.43	2.13	2.13	2.05	2.21
Gaston Col.	1.90	1.71	1.34	1.52	1.62	5.76	7.17	3.98	4.78	4.21	3.33	3.37	2.30	2.73	2.70
Guilford TCC	1.54	1.26	1.17	0.99	1.04	4.30	3.83	3.93	3.23	2.92	2.60	2.17	2.02	1.76	1.73
Halifax CC	1.29	1.29	1.19	1.31	1.39	4.98	3.75	3.55	3.83	3.95	2.57	2.29	2.14	2.21	2.29
Haywood TC	2.02	1.43	1.70	1.73	1.15	4.21	4.10	3.27	3.32	3.98	3.51	3.14	2.76	2.80	2.64
Isothermal CC	2.21	2.11	2.02	2.12	2.20	3.60	4.42	3.66	4.78	5.25	2.94	3.15	2.81	3.30	3.54
J. Sprunt TC	1.96	1.95	1.41	1.83	2.19	6.24	4.37	5.47	7.20	5.31	4.00	3.32	3.15	4.08	3.87
Johnston TC	1.67	1.50	1.23	1.57	1.59	5.35	4.35	3.29	2.63	2.53	3.06	2.62	2.06	2.04	2.02
Lenoir CC	1.73	1.54	1.40	1.34	1.37	3.21	2.85	2.76	3.15	3.22	2.37	2.11	1.97	2.06	2.11
Martin CC	3.75	3.09	2.69	2.92	3.22	6.94	8.39	7.21	6.87	4.74	5.54	5.68	4.91	4.99	4.21
Mayland TC	1.41	1.26	1.51	1.56	1.33	2.94	3.61	3.21	4.63	4.27	2.09	2.07	2.26	2.69	2.60
McDowell TC	3.00	3.63	3.40	3.45	3.50	3.28	3.21	2.90	3.11	3.37	3.18	3.34	3.06	3.21	3.41
Mitchell CC	1.96	1.84	1.47	1.42	1.48	4.36	4.29	5.64	5.56	4.73	2.86	2.74	2.87	2.70	2.62
Montgomery TC	2.57	2.22	1.82	1.61	1.87	4.92	4.62	3.80	3.00	3.72	4.15	3.59	2.97	2.55	2.99
Nash TC	1.74	1.54	1.64	1.71	1.99	4.89	5.13	3.93	2.83	4.07	2.89	2.95	2.55	2.29	2.93
Pamlico TC	4.51	4.28	3.56	6.23	4.89	9.50	7.90	7.12	8.58	10.29	6.96	6.32	5.49	7.72	7.75
Piedmont TC	2.13	2.01	1.20	1.40	2.31	8.76	7.59	4.26	4.31	4.00	4.41	3.97	2.36	2.39	3.04
Pitt CC	1.34	1.06	0.97	1.04	1.05	3.00	3.34	2.87	2.78	3.04	2.02	1.85	1.67	1.74	1.81
Randolph TC	1.39	1.44	1.57	1.62	1.64	4.66	4.41	4.08	4.54	4.77	3.14	3.09	3.10	3.25	3.30
Richmond TC	1.56	1.46	1.19	1.31	1.18	5.16	4.49	4.64	4.07	3.76	3.09	2.70	2.45	2.46	2.16
Roanoke-Cho. TC	2.19	2.54	2.07	2.28	3.08	4.72	5.18	4.76	4.93	5.39	3.29	3.90	3.31	3.48	4.31
Robeson TC	1.77	1.92	1.24	1.16	1.15	5.23	4.47	3.44	3.22	3.60	3.41	3.28	2.32	2.17	2.28
Rockingham CC	1.72	1.50	1.39	1.56	1.68	4.86	5.25	4.62	5.08	4.94	2.93	2.73	2.48	2.79	2.70
Rowan TC	1.75	1.40	1.76	1.77	1.87	3.62	3.93	3.90	4.48	5.27	2.49	2.18	2.53	2.63	2.94
Sampson TC	1.13	1.23	1.15	1.22	1.44	2.96	3.35	3.72	2.58	2.50	1.96	2.16	2.21	1.86	1.97
Sandhills CC	1.29	1.13	1.07	1.03	1.02	4.03	3.86	3.47	5.20	5.44	2.27	2.08	1.87	2.03	2.03
Southeastern CC	1.98	1.98	1.82	1.98	1.90	4.61	3.89	3.88	3.85	2.70	2.96	2.78	2.61	2.70	2.26
Southwestern TC	1.91	1.15	1.34	1.69	1.51	5.52	4.73	5.04	3.77	3.22	3.46	2.30	2.62	2.54	2.25
Stanly TC	1.89	1.73	1.60	1.63	1.84	3.11	3.46	3.66	3.79	3.50	2.32	2.32	2.24	2.41	2.53
Surry CC	1.41	1.46	1.32	1.32	1.46	2.78	3.04	2.74	3.06	2.90	2.03	2.12	1.91	2.01	2.08
TC Alamance	1.03	0.92	0.93	1.02	0.97	2.75	2.40	2.79	2.57	2.65	1.64	1.50	1.59	1.62	1.59
Tri-County CC	2.76	2.45	2.09	2.02	2.08	7.00	6.49	5.71	5.12	4.35	4.81	4.44	3.83	3.73	3.37
Vance-Granv'le CC	1.78	1.56	1.69	1.35	1.98	3.06	3.03	3.30	2.84	2.86	2.41	2.24	2.46	2.03	2.42
Wake TC	1.08	0.99	0.98	0.94	0.96	3.10	3.00	3.10	3.13	3.79	1.81	1.66	1.66	1.69	1.91
Wayne CC	1.37	1.14	1.08	1.09	1.17	3.35	3.30	2.89	3.06	2.68	2.21	1.97	1.82	1.86	1.83
W. Piedmont CC	1.43	1.45	1.34	1.25	1.59	2.46	2.85	3.07	2.73	2.55	1.93	2.06	2.04	1.90	2.05
Wilkes CC	1.54	1.45	1.36	1.45	1.42	4.97	4.60	3.99	3.98	4.11	2.55	2.37	2.17	2.23	2.39
Wilson Co. TI	1.70	1.37	1.27	1.04	1.26	5.46	6.18	6.12	4.66	3.26	3.42	3.23	3.10	2.59	2.39
TOTAL	1.48	1.33	1.24	1.26	1.29	4.15	3.89	3.61	3.57	3.51	2.55	2.33	2.16	2.17	2.18

Range of Selected Space Utilization Indices for Classrooms

Table 10

INSTITUTION	Room Hours Per Week			% Student Station Utilization			Space Factor		
	High	Mean	Low	High	Mean	Low	High	Mean	Low
<u>Major Research Universities:</u>	29.9	28.0	25.9	59.6	59.2	58.8	0.96	0.86	0.78
<u>Other Doctoral Universities:</u> *	19.8	19.8	19.8	54.7	54.7	54.7	1.41	1.41	1.41
<u>Comprehensive Universities:</u>	32.1	22.7	15.4	58.5	54.5	46.6	2.05	1.26	0.74
<u>Gen. Baccalaureate Universities:</u>	33.5	21.1	14.1	63.0	52.1	42.5	2.41	1.42	0.79
<u>Specialized Institution:</u> *	12.8	12.8	12.8	63.6	63.6	63.6	2.16	2.16	2.16
<u>Community Colleges & Tech. Inst./Col.:</u>	34.2	23.6	13.3	73.6	50.9	20.4	5.61	1.48	0.91
PRIVATE INSTITUTIONS									
<u>Major Research Universities:</u>	19.3	18.2	17.6	54.6	52.0	50.7	1.46	1.43	1.36
<u>Gen. Baccalaureate Colleges:</u>	32.2	17.6	7.8	63.2	47.7	31.2	4.94	1.76	0.98
<u>Junior Colleges:</u>	21.2	16.1	14.1	65.8	57.6	46.1	2.26	1.87	1.29
STATE RANGE	34.2	21.8	7.8	73.6	52.9	20.4	5.61	1.37	0.78
TYPICAL STANDARD	30.0			60.0			0.83-0.90		

*Only one institution in this category

Range of Selected Space Utilization Indices for Class Laboratories

Table 10

INSTITUTION	Room Hours Per Week			% Student Station Utilization			Space Factor		
	High	Mean	Low	High	Mean	Low	High	Mean	Low
<u>Major Research Universities:</u>	16.1	12.6	11.2	71.8	68.4	62.6	5.60	4.90	3.51
<u>Other Doctoral Universities:*</u>	8.5	8.5	8.5	47.6	47.6	47.6	7.21	7.21	7.21
<u>Comprehensive Universities:</u>	17.5	11.9	7.1	67.0	54.5	40.2	8.85	4.99	3.15
<u>Gen. Baccalaureate Universities:</u>	15.4	10.7	7.3	72.3	52.7	44.4	8.42	4.95	3.51
<u>Specialized Institution:*</u>	17.3	17.3	17.3	47.5	47.5	47.5	5.89	5.89	5.89
<u>Community Colleges & Tech. Inst./Col.:</u>	31.8	20.9	11.9	80.8	56.0	34.7	10.64	4.15	2.40
PRIVATE INSTITUTIONS									
<u>Major Research Universities:</u>	7.8	6.5	6.0	85.0	78.3	68.8	7.00	6.68	6.13
<u>Gen. Baccalaureate Colleges:</u>	21.5	7.9	2.4	87.6	44.6	15.0	36.04	8.59	3.70
<u>Junior Colleges:</u>	10.7	7.7	4.5	62.2	50.3	45.1	11.79	7.43	4.88
STATE RANGE	31.8	15.6	2.4	87.6	55.6	15.0	36.04	4.77	2.40
TYPICAL STANDARD	20.0			80.0			3.00-5.00		

*Only one institution in this category

**TABLE 11:
SPACE CRITERIA**

The Higher Education Facilities Planning and Management Manuals, which are published by the Western Interstate Commission for Higher Education, provide one of the best sources of information on space criteria. Since all higher education institutions have been provided copies of the manuals, only highlights of space criteria will be provided in Table 11. It is recommended that the manuals be used for further information or assessments. In addition, this Commission is always ready to respond to queries on facilities matters.

Space Criteria

Table 11

CLASSROOMS:	Average	Range
Room Utilization Ratio	30 hours/week	20-32 hours/week
Station Occupancy Ratio	65%	45%-85%
Assignable Square Feet Per Student Station	18 ASF	10-25 ASF

LABORATORIES:	Average	Range
Room Utilization Ratio, Lower Division	24 hours	22-26 hours
Room Utilization Ratio, Upper Division	16 hours	14-18 hours
Station Occupancy Ratio, Lower Division	80%	75%-85%
Station Occupancy Ratio, Upper Division	60%	55-65%

Assignable Square Feet Per Station

Criteria vary from 15 to 150 ASF depending on academic program and course levels. Details are shown in Table 53 of Higher Education Facilities Planning and Management Manual Two. Some examples are:

Biology, general	30-40 ASF	Forestry	30-40 ASF
Fine Arts, general	30-50 ASF	Architecture	40-50 ASF
Letters	15-25 ASF	Engineering, general	40-70 ASF
Accounting	20-35 ASF	Business and Management	20-30 ASF
Automotive Technology	100-150 ASF	Sculpture, Ceramics	50-80 ASF
Nursing, practical	25-50 ASF	Music (Liberal Arts)	15-20 ASF

LIBRARIES:

Stack Unit Floor Area Criteria

Type of Stack Area	Average Bound Volumes per Assignable Square Foot	Average Assignable Square Feet per Volume
Open-Stack Reading Rooms	8 - 10	0.125 - 0.10
Open Stacks	10 - 12	0.10 - 0.083
Closed Stacks	12 - 15	0.083 - 0.067
High Density Compact Storage	40 - 60	0.025 - 0.017

Space Criteria

Table 11

LIBRARIES (Continued):

Reading Stations Unit Floor Area Criteria

Type of Station	Assignable Square Feet per Station
Open Tables and Chairs	20 - 25
Small Carrels	25 - 30
Research Carrels (Open)	30 - 35
Enclosed Studies (Faculty)	40 - 70
Microform and Audio/Visual Carrels	35 - 45
Typing Stations (Multiple Stations in an Enclosed Room)	25 - 35
Reading Lounge	25 - 30
Conference Rooms, Seminar Rooms and Small-Group Studies	20 - 25

Staff and Service Space Unit Floor Area Criteria

As a general guideline, the total staff and service facilities of a library may be expected to range from 25 percent (for a smaller library) to 18 percent (for a larger library) of the combined stack and reader floor area.

OFFICES:

ASSIGNABLE SQUARE FEET CRITERIA FOR OFFICE STATIONS

Personnel Category	Academic Departments		Nonacademic Departments	
	Single Occupancy ASF/Station	Multiple Occupancy ASF/Station	Single Occupancy ASF/Station	Multiple Occupancy ASF/Station
Administrator - President	N/A	N/A	300+50	N/A
Vice-Pres.	N/A	N/A	240+30	N/A
Dean	240+20	N/A	N/A	N/A
Chairman	180+20	N/A	N/A	N/A
Professional	120+10	90+10	120+20	90+10
Secretarial-Clerical	120+10	90+20	120+40	90+20
Graduate Assistants	N/A	50+10	N/A	N/A

Space Criteria

Table 11

OFFICES (Continued):

**ASSIGNABLE SQUARE FEET CRITERIA FOR CONFERENCE ROOM AND
CONFERENCE ROOM SERVICE FACILITIES**

Conference Room		
Assignable Square Feet per Station		
Stations	Assignable Square Feet per Station	Conference Room Service Space in Assignable Square Feet
10	25	30±5
15	22	30±5
20	20	30±5
25	20	30±5
30	15	30±5

GENERAL USE FACILITIES UNIT FLOOR AREA CRITERIA:

Type of Facility	Item	Assignable Square Feet
1. Food Facilities	1. Dining Station - Family Size	12.5
	2. Dining Station - Cafeteria	11.0
	3. Dining Station - Snack Bar	10.0
2. Lounge Facilities	1. Station - Commons Room	20
3. Recreation Facilities	1. Lockers	6.75
	2. Meeting Room	20 ASF/Station
	3. Billiards	320 ASF/Table
	4. Bowling Alley	575 ASF/Lane
	5. Kitchenette	20
	6. Table Tennis	345 ASF/Table
4. Residential Facilities	1. Single Occupancy*	110 - 130
	2. Double Occupancy*	190 - 230
	3. Married - One Bedroom	570 - 650
	4. Married - Two Bedroom	620 - 750

*Toilets, washrooms, showers, and recreational space are not included.

**TABLE 12:
ENROLLMENTS**

The two primary measures of student populations are full-time equivalent (FTE) enrollment and headcount enrollment. FTE enrollment considers part-time students as fractions of full-time students through the use of a conversion formula which is described below. Headcount enrollment makes no distinction between full-time and part-time students.

FTE enrollments are generally more relevant than headcount enrollments in making space utilization assessments. Table 12, therefore, reports only FTE enrollments. This section, however, does describes some data trends in headcount enrollment.

FTE Enrollment

FTE enrollment as used in this study is based on the fall enrollment. It is defined as the number of full-time students (those carrying at least 75 percent of the normal credit hour load) plus the equivalent number of students enrolled for less than 75 percent of the normal full-time load. In obtaining the undergraduate FTE enrollment figures for The University of North Carolina and the Department of Community Colleges, a student carrying 12 or more credit hours is considered a full-time student. In those instances where a student takes less than 12 hours, the following method of calculating FTE students is used: a student with a load of 9 through 11 credit hours is the equivalent of $3/4$ FTE; the student with a 6 through 8 credit hour load is the equivalent of $1/2$ FTE; and a student with less than 6 credit hours is the equivalent of $1/4$ FTE. In obtaining graduate FTE enrollment figures for The University of North Carolina, a student carrying 9 or more credit hours is considered a full-time student. In those instances where a graduate student takes less than 9 credit hours, the following method of equating is used: a student with a load of 6 through 8 credit hours is the equivalent of $3/4$ FTE; the student with a 3 through 5 credit hour load is the equivalent of $1/2$ FTE; and a student with less than 3 credit hours is the equivalent of $1/4$ FTE.

For the community colleges and technical institutes, Table 12 lists only on-campus credit enrollments for 1980-1983. This means that instruction which took place in facilities not on a community college's campus would not be considered in determining the enrollments listed. For 1984, the on-campus FTE is provided, but as a means of comparison, the total FTE (representing both on-campus and off-campus instruction) is also listed for all institutions in the Community College System. Since the private colleges and universities and the constituent institutions of The University of North Carolina do not conduct a signifi-

cant number of instructional courses off-campus, the total FTE enrollments which are listed may also be considered as approximating these institutions' campus-based enrollments.

Trends in Headcount Enrollments

Total fall 1984 headcount enrollment in the United States decreased by 0.1% from the previous year.* Most of this decline was experienced by the public two-year institutions (whose enrollment decreased by 1.1%) and private colleges and universities (down 0.9%). Headcount enrollment in the public baccalaureate granting institutions increased by 1.5%.

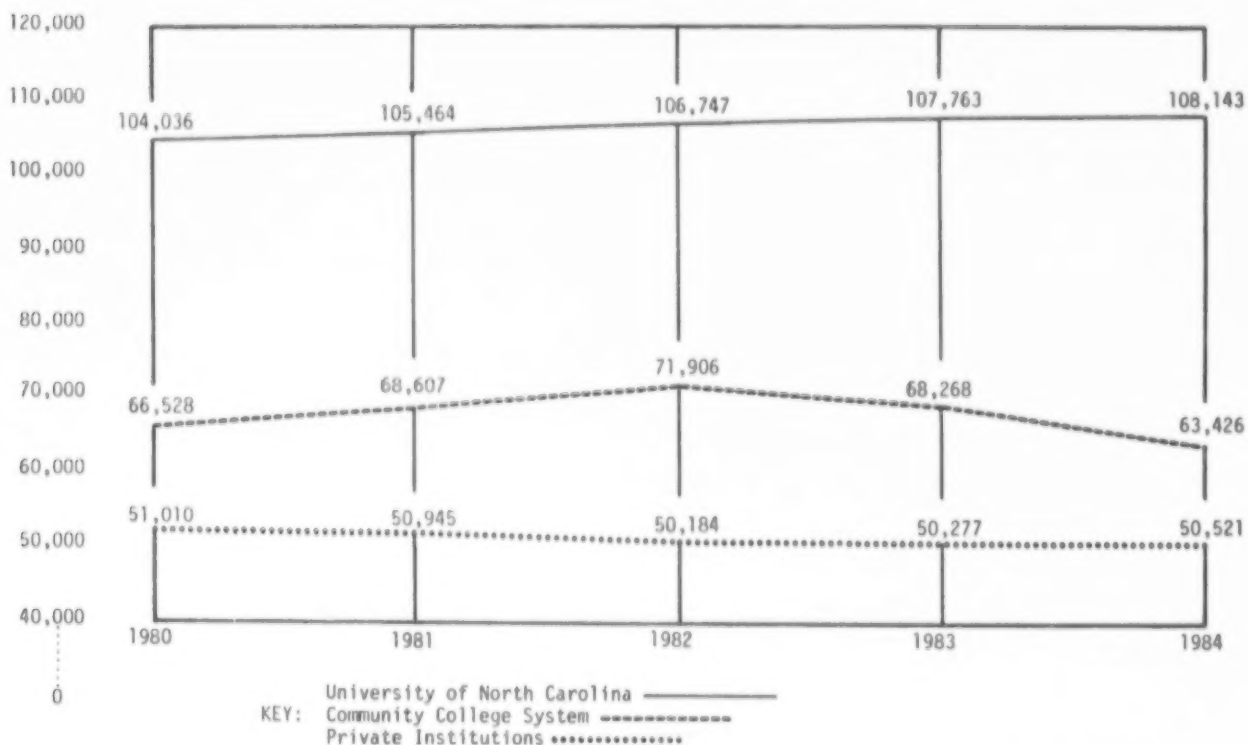
The over-all drop in headcount enrollment was the result of a 0.9% decrease in the number of part-time students in 1984. Most of this decline was from the public two-year institutions which lost 2.5% of their part-time students. Full-time enrollments among all colleges and universities increased by 0.5% in 1984.

Although the drop in total headcount enrollment was slight, many institutions suffered significant enrollment decreases. Among all colleges and universities, 39.2% experienced decreases in full-time enrollments of at least five percent in 1984, and 40.0% had declines of at least five percent in their part-time enrollments.

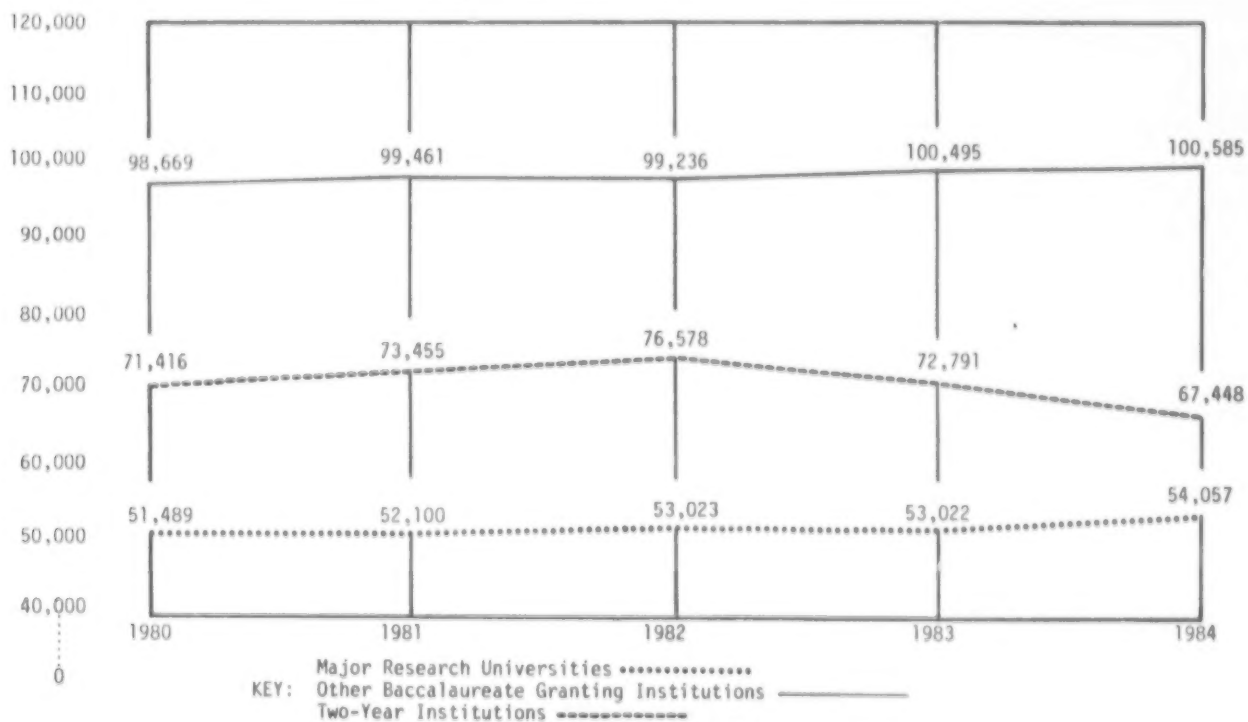
*All headcount enrollment data were obtained from an early survey of fall 1984 enrollment conducted by the Association Council for Policy Analysis and Research. Final enrollment data from the National Center for Education Statistics were not available at the time of publication.

FTE ENROLLMENTS

By Institutional Control:



By Institutional Level:



FTE Enrollment Summary

Table 12

INSTITUTION	1984	1983	1982	1981	1980
<u>Major Research Universities:</u>	39,423	38,741	38,695	37,811	37,379
<u>Other Doctoral Universities:</u>	8,479	8,456	8,579	8,604	8,701
<u>Comprehensive Universities:</u>	44,877	45,413	44,752	44,606	44,179
<u>Gen. Baccalaureate Universities:</u>	14,868	14,624	14,191	13,951	13,348
<u>Specialized Institution:</u>	496	529	530	492	429
<u>Community Colleges & Tech. Inst./Col.:</u>	63,426	68,268	71,906	68,607	66,528
PRIVATE INSTITUTIONS					
<u>Major Research Universities:</u>	14,634	14,281	14,328	14,289	14,110
<u>Gen. Baccalaureate Colleges:</u>	31,865	31,473	31,184	31,808	32,012
<u>Junior Colleges:</u>	4,022	4,523	4,672	4,848	4,888
GRAND TOTAL	222,090	226,308	228,837	225,016	221,574

FTE Enrollment Institutional

Table 12

INSTITUTION	1984	1983	1982	1981	1980
<u>Major Research Univ.:</u>					
N.C. State	19,471	18,678	18,555	18,103	17,794
Vet. Med.	221	150	-	-	-
UNC Chap. Hill	16,598	16,740	16,993	16,636	16,569
Health Af.	3,133	3,173	3,147	3,072	3,016
SUBTOTAL	39,423	38,741	38,695	37,811	37,379
<u>Other Doctoral Univ.:</u>					
UNC Greensboro	8,479	8,456	8,579	8,604	8,701
<u>Comprehensive Univ.:</u>					
Appalachian SU	8,898	9,144	9,328	9,055	9,082
E. Carolina U.	11,324	10,914	10,951	10,908	10,816
Health Af.	1,370	1,380	1,290	1,278	1,239
N.C. A & T SU	4,965	5,221	4,760	5,059	5,024
N.C. Central U.	3,964	4,581	4,476	4,471	4,392
UNC Charlotte	8,813	8,687	8,480	8,126	7,901
W'n Carolina U.	5,543	5,486	5,467	5,709	5,725
SUBTOTAL	44,877	45,413	44,752	44,606	44,179
<u>Gen. Baccalaureate Univ.:</u>					
Elizabeth C. SU	1,501	1,417	1,463	1,523	1,390
Fayetteville SU	2,374	2,419	2,179	2,277	2,287
Pembroke SU	1,874	1,843	1,919	1,921	1,983
UNC Asheville	1,965	1,938	1,835	1,575	1,443
UNC Wilmington	4,960	4,863	4,749	4,563	4,185
Winst.-Salem SU	2,194	2,144	2,046	2,092	2,060
SUBTOTAL	14,868	14,624	14,191	13,951	13,348
<u>Specialized Inst.:</u>					
NC Sch. of Arts	496	529	530	492	429

FTE Enrollment Institutional

Table 12

INSTITUTION	1984*	1983	1982	1981	1980
<u>Community Colleges</u> <u>& Tech. Inst./Col.:</u>					
Anson TC	202 (310)	253	273	268	272
Asheville-Bun. TC	1,559 (1,641)	1,688	1,760	1,683	1,570
Beaufort Co. CC	565 (673)	575	655	617	628
Bladen TC	212 (294)	250	282	285	296
Blue Ridge TC	673 (687)	682	743	630	603
Brunswick TC	332 (332)	302	247	165	30
Caldwell CC & TI	1,142 (1,360)	1,201	1,299	1,174	1,153
Cape Fear TI	1,184 (1,196)	1,351	1,437	1,375	1,368
Carteret TC	615 (683)	716	699	622	692
Catawba Vy. TC	1,310 (1,455)	1,607	1,573	1,536	1,533
C. Carolina TC	1,156 (1,329)	1,312	1,410	1,381	1,293
C. Piedmont CC	6,415 (7,823)	7,141	8,043	7,292	7,521
Cleveland TC	724 (813)	845	957	978	1,022
Coastal Car. CC	1,944 (2,046)	1,719	1,742	1,699	1,678
Col. Albemarle	836 (950)	900	1,005	941	884
Craven CC	965 (1,253)	1,014	1,101	929	909
Davidson Co. CC	1,480 (1,480)	1,693	1,917	1,804	1,800
Durham TI	1,933 (2,274)	1,931	2,214	2,171	1,952
Edgecombe TC	616 (648)	779	736	653	596
Fayetteville TI	3,212 (3,735)	3,779	3,752	3,586	3,808
Forsyth TI	1,969 (2,095)	2,109	2,115	2,102	1,714
Gaston Col.	1,943 (2,024)	2,065	2,279	2,152	2,057
Guilford TCC	3,027 (3,121)	2,811	2,698	2,920	2,801
Halifax CC	663 (753)	694	779	725	720
Haywood TC	712 (726)	794	784	778	794
Isothermal CC	995 (1,047)	1,240	1,286	1,179	1,037
J. Sprunt TC	480 (593)	523	547	503	600
Johnston TC	954 (1,325)	960	993	920	849
Lenoir CC	1,173 (1,348)	1,329	1,481	1,425	1,358
Martin CC	458 (487)	477	465	495	569

*Figures in parentheses represent total FTE enrollments (both on and off campus).
See pages 69-70.

FTE Enrollment Institutional

Table 12

INSTITUTION	1984*	1983	1982	1981	1980
<u>Community Colleges & Tech. Inst./Col.:</u>					
Mayland TC	369 (486)	420	399	358	358
McDowell TC	454 (473)	463	515	430	443
Mitchell CC	820 (921)	868	918	998	955
Montgomery TC	258 (363)	296	312	307	276
Nash TC	710 (816)	789	851	795	671
Pamlico TC	97 (97)	109	136	121	120
Piedmont TC	496 (496)	370	473	482	494
Pitt CC	1,591 (1,829)	1,709	1,733	1,698	1,623
Randolph TC	804 (829)	809	813	794	725
Richmond TC	777 (793)	860	918	923	958
Roanoke-Cho. TC	500 (500)	450	426	418	375
Robeson TC	656 (800)	739	800	798	815
Rockingham CC	973 (1,081)	1,081	1,215	1,156	1,096
Rowan TC	1,219 (1,325)	1,428	1,481	1,467	1,406
Sampson TC	613 (659)	610	609	664	620
Sandhills CC	1,330 (1,430)	1,456	1,441	1,324	1,360
Southeastern CC	951 (1,106)	1,063	1,092	1,121	1,156
Southwestern TC	664 (800)	741	725	624	611
Stanly TC	542 (595)	511	562	518	499
Surry CC	1,214 (1,576)	1,081	1,216	1,135	1,090
TC Alamance	1,245 (1,448)	1,408	1,418	1,299	1,282
Tri-County CC	446 (465)	480	528	493	476
Vance-Granville CC	851 (905)	930	906	1,020	798
Wake TC	2,223 (2,678)	2,275	2,114	1,679	1,332
Wayne CC	1,479 (1,662)	1,712	1,961	2,011	2,018
W. Piedmont CC	997 (1,231)	1,027	1,020	1,074	1,040
Wilkes CC	940 (1,446)	1,068	1,138	1,063	969
Wilson Co. TI	758 (902)	775	914	849	855
TOTAL	63,426 (72,213)	68,268	71,906	68,607	66,528

*Figures in parentheses represent total FTE enrollments (both on and off campus).
See pages 69-70.

**FTE Enrollment
Institutional**

Table 12

INSTITUTION	1984	1983	1982	1981	1980
PRIVATE INSTITUTIONS					
<u>Major Research Universities:</u>					
Duke	9,085	8,730	8,723	8,566	8,297
Duke Med. Ctr.	757	854	929	1,018	1,181
Wake Forest	4,364	4,271	4,250	4,274	4,200
Bowman Gray	428	426	426	431	432
SUBTOTAL	14,634	14,281	14,328	14,289	14,110
<u>Gen. Baccalaureate Colleges:</u>					
Atlantic Christian	1,227	1,385	1,425	1,448	1,546
Barber-Scotia	373	421	371	346	317
Belmont Abbey	837	805	783	795	834
Bennett	562	550	532	593	611
Campbell	2,676	2,540	2,523	2,414	2,284
Catawba	865	908	925	932	959
Davidson	1,369	1,368	1,400	1,409	1,398
Elon	2,574	2,528	2,457	2,396	2,339
Gardner-Webb	1,696	1,673	1,662	1,666	1,479
Greensboro	513	536	557	601	643
Guilford	1,422	1,400	1,423	1,447	1,439
High Point	1,254	1,270	1,279	1,319	1,362
Johnson C. Smith	1,254	1,115	1,172	1,285	1,362
Lenoir Rhyne	1,327	1,274	1,272	1,297	1,265
Livingstone	650	674	593	692	856
Mars Hill	1,234	1,353	1,382	1,557	1,690
Meredith	1,552	1,520	1,477	1,488	1,428
Methodist	859	686	681	799	854

FTE Enrollment Institutional

Table 12

INSTITUTION	1984	1983	1982	1981	1980
<u>Gen. Baccalaureate</u> <u>(Continued)</u>					
Mount Olive	392	-	-	-	-
N. C. Wesleyan	553	578	589	633	656
Pfeiffer	716	724	722	742	762
Piedmont Bible	293	353	376	413	440
Queens	789	788	747	702	611
Sacred Heart	308	319	367	377	367
St. Andrews Presb.	701	693	691	726	725
St. Augustine's	1,691	1,615	1,547	1,601	1,733
Salem	620	619	557	601	582
Shaw	1,717	1,893	1,721	1,520	1,486
Warren Wilson	458	473	534	560	491
Wingate	1,383	1,412	1,419	1,449	1,493
SUBTOTAL	31,865	31,473	31,184	31,808	32,012
<u>Junior Colleges:</u>					
Brevard	649	677	714	713	726
Chowan	901	975	1,078	1,125	1,122
Lees-McRae	669	687	706	732	729
Louisburg	694	702	695	757	740
Montreat-Anderson	360	377	383	392	404
Mt. Olive	-	333	330	368	382
Peace	476	472	448	481	488
St. Mary's	273	300	318	280	297
SUBTOTAL	4,022	4,523	4,672	4,848	4,888
TOTAL	50,521	50,277	50,184	50,945	51,010



INTERIOR SPACE CHARACTERISTICS

TABLE 13:
NET-TO-GROSS RATIO

The net-to-gross ratio is the net assignable area of a building or group of buildings divided by the gross area. It is generally used as a measure of the efficiency of a building; the higher the net-to-gross ratio, the more space that can be assigned to the various programs for which the building was intended.

Simply stated, the gross area of a building is the sum of the floor areas of the outside faces of its exterior walls for all of the building's stories (or areas that have floor surfaces). A building's assignable area is the sum of all areas on all floors which are assigned to, or available for assignment to, an occupant. More specifically, it is the building's gross area less its custodial, circulation, mechanical, and structural areas.

National facilities surveys have shown an average net-to-gross ratio for college and university facilities of .67. Many buildings--particularly those which are primarily composed of a few very large rooms, such as warehouses and theaters--may have significantly higher ratios. Buildings which have ratios below .60 are generally considered inefficient, although such factors as historical preservation or unusual structural requirements may be the cause.

If a renovation can increase the amount of assignable space in a building, then part of the cost of the renovation can be justified purely on a cost savings basis. Tables 19 and 20 suggest that new construction costs average \$69 per gross square foot. Table 13 indicates that the average net-to-gross ratio is .69. This means that new construction costs are approximately \$100 per assignable square foot:

$$\text{CONSTRUCTION COST/ASF} = \frac{\text{CONSTRUCTION COST/GSF}}{\text{NET-TO-GROSS RATIO}}$$

$$\text{CONSTRUCTION COST/ASF} = \frac{\$69}{.69} = \$100$$

Thus every assignable square foot created through a renovation can be viewed as saving the institution \$100 in new construction costs.

Net-to-Gross Ratio

Table 13

INSTITUTION	Gross	Assignable	Net : Gross				
	Sq. Ft.	Sq. Ft.	%				
			1984	1983	1982	1981	1980
<u>Major Research Universities:</u>							
N. C. State U	6,345,574	4,270,379	67.3	67.1	67.1	67.4	67.0
Vet. Med.	372,607	223,663	60.0	59.9	-	-	-
UNC Chap. Hill	6,185,130	4,134,641	66.8	67.2	67.6	68.0	67.6
Health Af.	2,559,290	1,645,706	64.3	64.3	64.1	64.2	63.6
SUBTOTAL	15,462,601	10,274,389	66.4	66.5	66.8	67.1	66.6
<u>Other Doctoral Universities:</u>							
UNC Greensboro	2,574,118	1,675,612	65.1	65.2	65.6	65.6	65.5
<u>Comprehensive Universities:</u>							
Appalachian SU	2,640,401	1,845,976	69.9	70.0	70.4	70.5	71.7
E. Carolina U	2,656,165	1,877,746	70.7	70.7	70.9	70.8	70.5
Health Af.	644,848	406,772	63.1	63.4	68.2	69.0	64.4
N. C. A & T SU	1,928,876	1,343,564	69.7	69.7	70.1	70.8	70.8
N. C. Central U	1,406,745	908,692	64.6	64.7	64.8	65.1	65.1
UNC Charlotte	1,942,285	1,297,756	66.8	66.7	66.7	66.6	66.6
W'n Carolina U	2,030,341	1,423,120	70.1	70.0	69.9	68.8	70.1
SUBTOTAL	13,249,661	9,103,626	68.7	68.8	69.2	69.1	69.5
<u>Gen. Baccalaureate Universities:</u>							
Elizabeth C. SU	687,064	492,751	71.7	71.7	71.4	70.1	70.2
Fayetteville SU	753,103	497,024	66.0	66.3	66.0	65.2	65.8
Pembroke SU	631,681	438,238	69.4	69.4	69.4	69.3	69.4
UNC Asheville	501,908	353,177	70.4	70.3	70.0	68.2	68.4
UNC Wilmington	997,098	661,697	66.4	66.5	66.5	66.7	66.0
Winst.-Salem SU	847,442	584,877	69.0	68.5	69.4	69.3	69.9
SUBTOTAL	4,418,296	3,027,764	68.5	68.5	68.5	67.9	68.2

Net-to-Gross Ratio

Table 13

INSTITUTION	Gross	Assignable	Net : Gross				
	Sq. Ft.	Sq. Ft.	%				
			1984	1983	1982	1981	1980
<u>Specialized Institution:</u>							
NC Sch. of Arts	464,232	325,483	70.1	70.1	70.1	67.4	67.8
<u>Teaching Hospital:</u>							
N. C. Mem. Hosp.	988,736	566,044	57.2	56.5	57.4	58.1	58.2
<u>Community Colleges & Tech. Inst./Col.:</u>							
SUBTOTAL	9,700,413	7,170,992	73.9	73.9	73.8	73.7	73.8
PRIVATE INSTITUTIONS							
<u>Major Research Universities:</u>							
SUBTOTAL	11,530,960	7,876,358	68.3	68.5	68.7	68.6	69.5
<u>Gen. Baccalaureate Colleges:</u>							
SUBTOTAL	14,174,620	10,015,628	70.7	70.7	70.8	70.8	70.6
<u>Junior Colleges:</u>							
SUBTOTAL	2,464,275	1,720,185	69.8	70.3	70.5	70.5	70.6
GRAND TOTAL	75,027,912	51,756,081	69.0	69.0	69.2	69.2	69.3

Net-to-Gross Ratio

Table 13

INSTITUTION	Gross	Assignable	Net : Gross				
	Sq. Ft.	Sq. Ft.	%				
			1984	1983	1982	1981	1980
<u>Community Colleges</u> <u>& Tech. Inst./Col.:</u>							
Anson TC	57,171	41,981	73.4	73.4	73.4	72.1	72.1
Ashev'le-Bun. TC	274,749	193,132	70.3	69.6	69.6	70.0	69.9
Beaufort Co. CC	119,926	92,163	76.8	80.0	80.5	80.6	80.2
Bladen TC	82,142	62,670	76.3	76.3	76.4	76.7	73.6
Blue Ridge TC	119,802	91,145	76.1	76.0	76.0	74.9	74.7
Brunswick TC	69,852	57,002	81.6	79.7	75.0	73.8	82.5
Caldwell CC & TI	162,374	123,346	76.0	76.0	76.0	75.7	75.7
Cape Fear TI	215,388	155,183	72.0	72.2	70.9	70.9	71.4
Carteret TC	147,465	111,720	75.8	77.8	77.8	78.3	77.8
Catawba Vy. TC	215,860	161,736	74.9	75.2	75.2	75.2	75.1
C. Carolina TC	121,259	94,085	77.6	77.7	77.7	77.7	77.7
C. Piedmont CC	1,018,206	742,975	73.0	73.0	73.0	73.1	72.9
Cleveland TC	157,115	118,340	75.3	75.1	75.1	75.2	77.8
Coastal Car. CC	202,547	147,011	72.6	72.6	72.2	70.2	70.1
Col. Albemarle	121,780	86,055	70.7	71.9	71.9	71.9	72.4
Craven CC	125,458	90,201	71.9	71.4	70.9	70.0	69.8
Davidson Co. CC	208,596	145,064	69.5	69.7	69.7	69.7	70.5
Durham TI	179,056	139,933	78.2	77.3	77.7	77.6	77.6
Edgecombe TC	126,596	87,714	69.3	68.9	68.7	68.7	68.9
Fayettev'le TI	309,852	225,490	72.8	72.5	72.4	72.3	73.0
Forsyth TI	241,937	182,288	75.3	74.9	74.9	74.9	74.4
Gaston Col.	276,234	192,777	69.8	71.4	70.7	70.4	70.5
Guilford TCC	453,821	329,442	72.6	72.7	72.6	72.3	70.6
Halifax CC	82,327	62,465	75.9	75.9	75.9	76.6	76.7
Haywood TC	196,975	154,425	78.4	78.4	77.6	77.2	83.4
Isothermal CC	174,546	135,508	77.6	77.3	77.3	77.3	77.2
J. Sprunt TC	103,459	77,713	75.1	75.1	74.6	74.9	74.9
Johnston TC	134,294	104,826	78.1	76.9	75.7	75.5	75.5
Lenoir CC	185,920	144,464	77.7	77.7	77.7	77.5	77.5
Martin CC	140,145	107,130	76.4	76.6	76.6	76.6	76.6

Net-to-Gross Ratio

Table 13

INSTITUTION	Gross	Assignable	Net : Gross				
	Sq. Ft.	Sq. Ft.	%				
			1984	1983	1982	1981	1980
<u>Community Colleges</u> <u>& Tech. Inst./Col.:</u>							
Mayland TC	49,579	31,970	64.5	64.0	64.0	64.0	68.1
McDowell TC	64,696	51,167	79.1	79.1	79.0	78.8	80.9
Mitchell CC	190,167	132,208	69.5	69.2	69.2	69.2	69.1
Montgomery TC	64,090	43,242	67.5	68.2	68.2	67.8	68.2
Nash TC	101,192	74,244	73.4	73.5	73.5	72.5	72.3
Pamlico TC	40,198	28,725	71.5	71.5	71.5	71.5	71.5
Piedmont TC	96,884	84,176	86.9	86.9	85.6	85.6	85.6
Pitt CC	147,051	112,045	76.2	75.8	75.7	75.2	76.3
Randolph TC	152,783	120,438	78.8	78.8	79.0	79.0	80.3
Richmond TC	113,124	87,218	77.1	77.1	77.0	76.9	76.5
Roanoke-Cho. TC	92,913	66,705	71.8	72.6	72.9	72.7	75.6
Robeson TC	116,751	93,202	79.8	79.4	79.4	79.4	79.4
Rockingham CC	211,521	156,324	73.9	73.9	74.0	74.3	74.3
Rowan TC	179,450	135,334	75.4	75.4	75.4	75.6	75.6
Sampson TC	74,661	54,617	73.2	73.4	75.8	73.1	73.5
Sandhills CC	197,624	145,361	73.6	73.6	73.0	73.0	73.1
Southeastern CC	149,737	111,173	74.2	74.2	74.2	74.2	74.2
Southwestern TC	104,565	81,414	77.9	77.9	76.1	74.9	74.3
Stanly TC	82,399	60,534	73.5	72.6	72.6	78.1	75.8
Surry CC	166,706	123,282	74.0	73.7	73.7	73.6	73.6
TC Alamance	143,485	93,631	65.3	65.2	65.1	65.9	65.8
Tri-County CC	79,482	64,711	81.4	79.8	79.8	79.8	79.8
Vance-Granville CC	139,949	87,258	62.3	62.3	61.6	60.1	60.1
Wake TC	258,144	186,697	72.3	72.4	72.9	74.2	73.9
Wayne CC	165,928	132,881	80.1	80.1	80.1	80.1	80.3
W. Piedmont CC	140,024	95,398	68.1	68.3	68.3	67.7	67.7
Wilkes CC	200,213	148,433	74.1	73.5	73.8	73.8	73.9
Wilson Co. TI	152,245	110,620	72.7	72.7	72.7	73.7	73.7
TOTAL	9,700,413	7,170,992	73.9	73.9	73.8	73.7	73.8

TABLE 14:
PERCENTAGE DISTRIBUTION OF ASSIGNABLE AREA
BY SUMMARY PROGRAMS AND SUBPROGRAMS

All colleges and universities conduct a wide range of activities in pursuit of their missions as institutions of higher education. The Program Classification Structure, developed by the National Center for Higher Education Management Systems in 1978, attempts to categorize these activities.

The structure divides all of an institution's activities into ten major categories, called programs. Each program is divided into various subprograms. Virtually every activity and square foot of assignable space can be related to one of these subprograms.

Table 14 reports for each institution the percentage of total assignable area which is classified under each program. Tables 14a-14d indicate these percentages for the subprograms. Definitions of the programs and subprograms are provided in the narratives which precede the tables.

In Tables 14 and 14a-14d, the percentages relate the assignable square footage of the specified program or subprogram to the total assignable area for the institution. For Table 14, these percentages should in theory add to exactly 100.0, but in some cases they do not because of rounding. In Tables 14a-14d, the sum of the percentages reported for the subprograms comprising a certain program should in theory equal the percentage for that program as reported in Table 14. Again, they sometimes do not because of the rounding of the subprogram percentages.

PROGRAM DEFINITIONS

The descriptions of programs and subprograms which precede Tables 14-14d are excerpted from Program Classification Structure: Technical Report 106 by Douglas J. Collier.

- 10 Instruction Program. This program includes activities carried out for the express purpose of eliciting some measure of educational change in a learner or group of learners. An instructional activity need not be eligible for credit in meeting specified formal curricular requirements leading to a postsecondary degree or certificate.
- 20 Research Program. Any activity intended to produce one or more research outcomes--including the creation of knowledge, the organization of knowledge, and the application of knowledge--is included within this program. A research activity may be conducted with institutional funds or under the terms of agreement with an agency external to the institution.
- 30 Public Service. The Public Service Program includes activities established to make available to the public the various resources and capabilities of the institution for the specific purpose of responding to a community need or solving a community problem.
- 40 Academic Support Program. Any activity carried out in direct support of one or more of the Instruction (10), Research (20), and Public Service (30) Programs is classified as Academic Support.
- 50 Student Service Program. The objective of the Student Service Program is to contribute to the emotional and physical well-being of the students, as well as to their intellectual, cultural, and social development outside of the context of the institution's formal Instruction Program.
- 60 Institutional Administration Program. This program consists of those activities carried out to provide for both the day-to-day functioning and the long-range viability of the institution as an operating organization. The ultimate goal of the Institutional Administrative Program is to provide for the institution's organizational effectiveness and continuity.
- 70 Physical Plant Operations Program. Activities related to maintaining existing grounds and facilities, providing utility services, and planning and designing future plant expansions and modifications are included within the Physical Plant Operations Program.

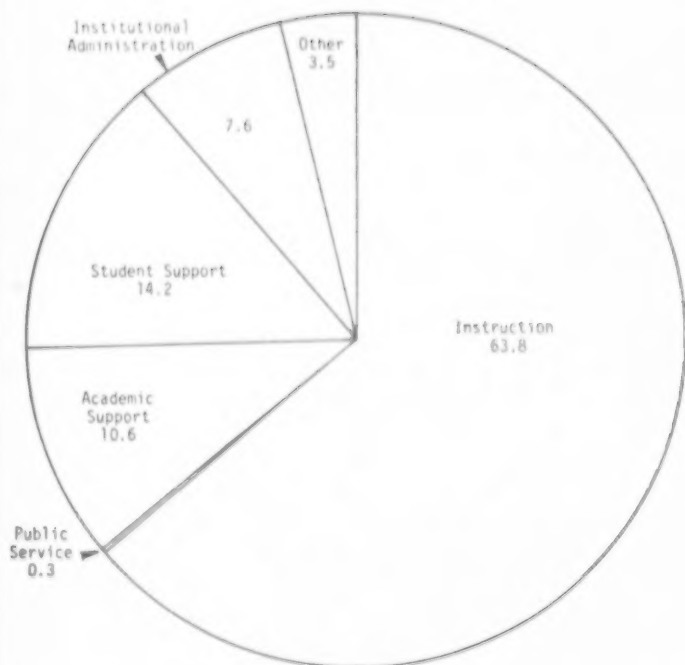
- 80 Student Financial Support Program. This program includes only the financial assistance provided to students in the form of outright grants, trainee stipends, and prizes, awarded by and/or administered through the institution. Although it is part of the Program Classification Structure, this program applies only to funds and not to space or activities. It is not, therefore, used in facilities inventories.
- 90 Independent Operations Program. Those institutional activities that are owned or controlled by the institution as investments, and which are financed as part of the institution's current operations, comprise the Independent Operations Program.
- 00 Unassigned. Facilities that are not in use at the time of the inventory are classified under this program. It is unique to facilities management and is not included in the Program Classification Structure.

PERCENTAGE DISTRIBUTION OF ASSIGNABLE AREA BY SUMMARY PROGRAMS



The University of North Carolina

ALL PUBLIC BACCALAUREATE-GRANTING INSTITUTIONS
AND N.C. MEMORIAL HOSPITAL



Community Colleges and Technical Institutes



96 Private Institutions

Percentage Distribution of Assignable Area by Summary Programs

Table 14

INSTITUTION	Assignable Sq. ft.	In- struc- tion	Re- search	Public Serv.	Acad. Spt.	Stud. Serv.	Inst. Admin.	Phys. Plt. Dpns.	Stud. Fin. Spt.	Indep. Opns.	Unas- signed
		10	20	30	40	50	60	70	80	90	00
<u>Major Research Universities:</u>											
N. C. State U.	4,270,379	26.2	16.0	3.5	6.8	40.9	3.2	1.8	-	0.6	0.8
Vet. Med.	223,663	34.6	26.3	22.1	10.9	3.4	2.1	0.4	-	-	0.3
UNC Chap. Hill	4,134,641	25.3	4.2	1.3	19.4	36.3	6.1	1.8	-	4.5	1.1
Health Af.	1,645,706	24.2	26.9	4.0	11.9	0.4	0.2	0.2	-	29.9	2.3
SUBTOTAL	10,274,389	25.7	13.2	3.1	12.8	31.8	3.9	1.5	-	6.9	1.1
<u>Other Doctoral Universities:</u>											
UNC Greensboro	1,675,612	31.9	1.4	0.1	12.4	45.1	4.6	1.7	-	-	2.7
<u>Comprehensive Universities:</u>											
Appalachian SU	1,845,976	31.2	0.3	0.4	10.2	47.9	6.3	3.1	-	0.1	0.5
E. Carolina U.	1,877,746	31.3	1.7	0.5	10.8	50.1	3.5	1.3	-	-	0.7
Health Af.	406,772	69.6	3.6	7.2	15.5	2.5	-	1.5	-	-	0.1-
N. C. A & T SU	1,343,564	35.9	3.6	0.3	13.0	38.5	5.8	1.4	-	0.6	1.0
N. C. Central U.	908,697	33.2	0.1	0.1	14.3	41.9	7.6	0.7	-	0.1	1.9
UNC Charlotte	1,297,756	33.4	1.5	-	9.5	49.4	5.0	1.1	-	-	-
W'n Carolina U.	1,423,120	28.7	0.5	0.1	15.7	44.0	7.4	1.2	-	1.1	1.2
SUBTOTAL	9,103,626	33.8	1.4	0.6	12.2	44.0	5.5	1.6	-	0.3	0.8
<u>Gen. Baccalaureate Universities:</u>											
Elizabeth C. SU	492,751	34.2	-	3.2	8.6	40.2	8.9	1.4	-	-	3.5
Fayetteville SU	497,024	32.4	0.2	0.4	8.6	43.9	9.6	3.5	-	0.3	1.1
Pembroke SU	438,238	40.1	-	0.2	8.9	39.7	7.5	1.7	-	-	1.9
UNC Asheville	353,177	31.4	0.6	2.4	13.7	37.3	8.1	2.4	-	1.0	3.2
UNC Wilmington	661,697	31.3	2.4	-	9.0	48.1	6.8	0.8	-	0.4	1.3
Winst.-Salem SU	584,877	31.2	0.6	0.1	7.9	38.0	5.4	1.7	-	0.1	14.9
SUBTOTAL	3,027,764	33.2	0.7	0.9	9.2	41.7	7.6	1.8	-	0.3	4.6
<u>Specialized Institution:</u>											
NC Sch. of Arts	325,483	50.6	-	0.4	6.7	31.9	8.0	0.5	-	0.1-	1.9
<u>Teaching Hospital:</u>											
N. C. Mem. Hosp.	566,044	-	0.1-	90.7	-	-	3.5	2.5	-	2.5	0.7
<u>Community Colleges & Tech. Inst./Col.:</u>											
SUBTOTAL	7,170,992	63.8	-	0.3	10.6	14.2	7.6	2.0	-	0.6	0.9
PRIVATE INSTITUTIONS											
<u>Major Research Universities:</u>											
SUBTOTAL	7,876,358	15.2	9.8	12.6	10.0	28.5	7.3	1.8	-	14.4	0.4
<u>Gen. Baccalaureate Colleges:</u>											
SUBTOTAL	10,015,628	26.9	0.1-	0.1	7.8	50.6	10.8	1.7	-	0.9	1.2
<u>Junior Colleges:</u>											
SUBTOTAL	1,720,185	26.2	-	0.1-	6.9	50.9	12.4	1.9	-	-	1.7
GRAND TOTAL	51,756,081	31.6	4.5	3.7	10.4	35.9	7.1	1.7	-	3.9	1.2

Percentage Distribution of Assignable Area by Summary Programs

Table 14

INSTITUTION	Assignable Sq. Ft.	In- struc- tion	Re- search	Public Serv.	Acad. Spt.	Stud. Serv.	Inst. Admin.	Phys. Plt. Opns.	Stud. Fin. Spt.	Indep. Opns.	Unas- signed
		10	20	30	40	50	60	70	80	90	00
Community Colleges & Tech. Inst./Col.											
Anson TC	41,981	65.2	-	-	19.3	7.8	5.2	2.5	-	-	-
Asheville-Bun. TC	193,132	73.1	-	-	7.0	4.5	12.9	1.8	-	-	0.7
Beaufort Co. CC	92,163	66.8	-	-	8.8	13.6	5.7	3.2	-	-	2.0
Bladen TC	62,670	51.6	-	-	10.8	22.8	7.8	4.8	-	-	2.1
Blue Ridge TC	91,145	76.3	-	-	7.0	6.1	3.9	6.7	-	-	-
Brunswick TC	57,002	78.5	-	-	3.2	3.6	6.9	0.4	-	-	7.4
Caldwell CC & TI	123,346	55.1	-	0.1	13.7	19.1	10.4	1.7	-	-	-
Cape Fear TI	155,183	65.0	-	0.3	12.1	12.2	9.5	-	-	0.2	0.7
Carteret TC	111,720	46.8	-	0.8	7.9	6.4	18.9	0.5	-	14.9	3.7
Catawba Vy. TC	161,736	68.3	-	0.7	10.9	9.5	10.5	-	-	-	0.1
C. Carolina TC	94,085	71.5	-	-	12.6	9.5	5.1	1.3	-	-	-
C. Piedmont CC	742,975	40.3	-	0.1	7.3	47.2	4.1	1.1	-	-	-
Cleveland TC	118,340	64.9	-	-	16.1	7.7	7.5	3.0	-	-	0.8
Coastal Car. CC	147,011	68.7	-	-	13.5	9.6	5.5	2.5	-	-	0.1
Col. Albemarle	86,055	67.0	-	0.1	13.2	10.7	7.2	1.9	-	-	-
Craven CC	90,201	73.9	-	0.1	15.0	5.5	5.5	-	-	-	-
Davidson Co. CC	145,064	62.3	-	-	20.3	8.9	5.8	2.7	-	-	-
Durham TI	139,933	67.9	-	0.8	6.2	7.0	9.7	3.6	-	-	4.8
Edgecombe TC	87,714	71.5	-	-	9.7	11.2	4.3	1.8	-	1.5	-
Fayetteville TI	225,490	64.8	-	-	9.5	14.6	6.9	2.4	-	-	1.9
Forsyth TI	182,288	69.3	-	-	11.1	12.4	5.0	2.2	-	-	-
Gaston Col.	192,777	71.6	-	0.1	8.5	12.7	6.7	0.1	-	0.1	0.3
Guilford TCC	329,442	64.3	-	0.5	12.4	10.4	11.2	1.2	-	-	0.1
Halifax CC	62,465	65.1	-	-	14.4	9.7	6.3	4.5	-	-	-
Haywood TC	154,425	73.4	-	-	6.3	4.3	2.6	3.7	-	9.5	0.1
Isothermal CC	135,508	74.1	-	0.3	8.5	10.8	5.1	1.3	-	-	-
J. Sprunt TC	77,713	70.3	-	-	7.8	10.1	6.9	4.9	-	-	-
Johnston TC	104,826	81.8	-	-	6.6	3.2	7.5	0.1	-	-	0.7
Lenoir CC	144,464	66.5	-	0.1	12.8	8.9	5.0	4.7	-	-	2.0
Martin CC	107,130	62.2	-	0.3	15.1	12.5	5.4	4.1	-	0.4	-
Mayland TC	31,970	70.9	-	-	11.2	9.7	8.2	-	-	-	-
McDowell TC	51,167	72.7	-	-	11.4	6.2	7.7	2.1	-	-	-
Mitchell CC	132,208	61.3	-	-	12.0	14.9	8.2	0.9	-	0.5	2.3
Montgomery TC	43,242	68.0	-	-	13.0	10.6	8.4	-	-	-	-
Nash TC	74,244	65.7	-	-	6.1	5.4	8.5	3.9	-	2.0	8.5
Pamlico TC	28,725	59.0	-	0.8	18.4	8.3	9.5	4.0	-	-	-
Piedmont TC	84,176	51.9	-	0.9	11.8	8.4	6.6	4.1	-	-	0.2
Pitt CC	112,045	73.0	-	-	11.2	6.4	5.8	1.5	-	-	2.1
Randolph TC	120,438	59.2	-	-	15.8	13.2	10.9	0.9	-	-	-
Richmond TC	87,218	74.2	-	-	9.3	8.8	5.7	1.9	-	-	-
Roanoke-Cho. TC	66,705	64.0	-	-	9.8	9.8	9.3	7.1	-	-	-
Robeson TC	93,202	66.8	-	-	8.4	6.6	10.3	0.2	-	-	7.7
Rockingham CC	156,324	65.7	-	-	11.6	12.6	8.4	1.1	-	0.1	0.5
Rowan TC	135,334	65.7	-	-	14.5	9.6	5.5	4.7	-	-	-
Sampson TC	54,617	72.2	-	-	9.1	6.7	8.1	-	-	-	3.9
Sandhills CC	145,361	66.9	-	-	7.8	13.8	8.2	3.2	-	-	-
Southeastern CC	111,173	69.1	-	0.1	8.5	13.2	7.9	1.1	-	-	-
Southwestern TC	81,414	63.4	-	-	11.8	14.2	6.5	3.5	-	-	0.6
Stanly TC	60,534	63.0	-	0.4	8.8	5.9	13.6	-	-	-	8.4
Surry CC	123,282	66.3	-	0.5	11.5	14.4	4.6	2.7	-	-	0.1
TC Alamance	93,631	69.9	-	-	13.2	7.9	7.1	1.9	-	-	-
Tri-County CC	64,711	76.1	-	-	8.9	3.7	7.0	-	-	-	4.3
Vance-Granville CC	87,258	61.8	-	0.3	11.9	9.1	15.9	1.0	-	-	-
Wake TC	186,697	59.3	-	0.1	9.7	12.5	12.4	5.2	-	-	0.8
Wayne CC	132,881	76.8	-	-	9.9	10.1	6.0	0.3	-	-	-
W. Piedmont CC	95,398	55.5	-	0.5	16.2	15.9	6.6	5.2	-	-	-
Wilkes CC	148,433	53.3	-	-	13.1	19.5	8.9	0.8	-	4.3	-
Wilson Co. TI	110,620	69.0	-	0.1	13.7	7.0	9.4	0.7	-	-	-
TOTAL	7,170,992	63.8	-	0.3	10.6	14.2	7.6	2.0	-	0.6	0.9

INSTRUCTION, RESEARCH, AND, PUBLIC SERVICE SUBPROGRAMS

Table 14a indicates the percentage of institutional square footage under the Instruction, Research, and Public Service Subprograms.

The definitions of these subprograms follow. Subprograms which are described but which are not included in Table 14a had no square footage assigned to them by institutions.

- 11 General Academic Instruction. This subprogram includes those instructional offerings intended both to prepare learners, in a generalized sense, to function in a number of different occupations and to prepare them for further academic study. Instructional offerings of this general academic nature are classified in this subprogram only if they are offered as part of one of the institution's formal degree or certificate programs.
- 12 Vocational/Technical Instruction. This subprogram includes those instructional offerings intended to prepare learners for immediate entry into a specific occupation or career. Instructional offerings are classified in this subprogram only if they are offered as part of one of the institution's formal degree or certificate programs.
- 13 Requisite Preparatory/Remedial Instruction. This category includes those instructional offerings carried out to provide the learner with the skills or knowledge required by the institution to undertake course work leading to a postsecondary degree or certificate.
- 14 General Studies. This subprogram includes those instructional offerings that are not part of one of the institution's formal postsecondary degree or certificate programs and that are intended to provide the learner with knowledge, skills, and attitudes typically associated with an academic discipline (such as literature, mathematics, philosophy).
- 15 Occupation-Related Instruction. This subprogram includes those instructional offerings that are not carried out as part of a formal certificate or degree program but that are offered to provide the learner with knowledge, skills, and background related to a specific occupation or career.
- 16 Social Roles/Interaction Instruction. This subprogram includes those instructional offerings that are not carried out as a part of a certificate or degree program but that

are offered to provide the learner with knowledge, skills, and background needed to function as a member of society or to interact with the variety of social institutions. It also includes those offerings that deal with the person as a member of a particular social organization or institution.

- 17 Home and Family Life Instruction. This category includes those instructional offerings that are not offered as part of a certificate or degree program but that are carried out to provide the learner with knowledge, skills, and capabilities related to the establishment, maintenance, and improvement of a home; to the carrying out of those functions typically associated with the conduct of a household; or to the person's responsibilities as a member of the family unit.
- 18 Personal Interest and Leisure Instruction. This category includes those instructional activities that are not offered as part of a certificate or degree program but that are carried out to support an individual's recreational or avocational pursuits or to improve his or her day-to-day living skills.
- 21 Institutes and Research Centers. This subprogram includes all research activities conducted within the framework of a formal research organization except for those conducted under the 21 federally funded research centers. (There are no federally funded research centers in North Carolina.)
- 22 Individual or Project Research. This subprogram includes those research activities that normally are managed within the academic departments. Such research activities usually have a stated goal or purpose, have projected outcomes, and generally are created for specific time periods as a result of a contract, grant, or specific allocation of institutional resources. Research which is carried out as an instructional activity, however, is classified under the appropriate Instructional Subprogram.
- 31 Direct Patient Care. This subprogram includes those activities carried out for the specific purpose of providing direct patient care (prevention, diagnosis, treatment, education, rehabilitation, and so forth). These services are typically rendered under the auspices of a teaching hospital or health-sciences center and are provided for the benefit of a clientele in the community-at-large rather than for the institution's own student body or faculty and staff.
- 32 Health Care Supportive Services. This subprogram includes those activities that are unique to a teaching hospital, health-sciences center, or clinic and that directly support the provision of health care but that cannot themselves legitimately be considered part of the provision of direct patient care.

- 33 Community Services. This subprogram consists of resources, services, and expertise made available to persons and groups outside of the context of the institution's regular Instruction, Research, and support programs that are not included in the other Public Service Subprograms (i.e., 31, 32, 34, and 35). Activities within this subprogram differ from those under Cooperative Extension Services (34) in that they are generally sponsored and controlled by the institution; extension services usually involve a sharing of programmatic and fiscal control with an outside agency.
- 34 Cooperative Extension Services. This subprogram includes those activities that make resources, services, and expertise available outside the Instruction, Research, and support programs and that are conducted as cooperative efforts with outside agencies. A distinguishing feature of the activities included in this subprogram is that programmatic and fiscal control are usually shared with one or more external agencies or governmental units.
- 35 Public Broadcasting Services. This subprogram includes the operation and maintenance of broadcasting services that are operated outside the context of the institution's Instruction, Research, and support programs. Excluded from this category are broadcasting services that are conducted primarily in support of instruction, broadcasting services that are primarily operated as a student-broadcasting club, and broadcasting activities that are independent operations.

**Instruction, Research & Public Service
Subprograms**

Table 14a

INSTITUTION	Gen'l Acad. Instr.	Voc. Tech. Instr.	Prep. Remed. Instr.	Gen'l Studies	Occup. Relatd Instr.	Social Roles Instr.	Home & Family Life	Pers. Int. Leis. Instr.
	11	12	13	14	15	16	17	18
<u>Major Research Universities:</u>								
N. C. State U	26.2	-	0.1-	-	0.1-	-	-	-
Vet. Med.	34.6	-	-	-	-	-	-	-
UNC Chap. Hill	25.1	-	0.1-	0.1	0.1	-	-	-
Health Af.	23.8	-	0.1-	0.3	0.1-	-	-	-
SUBTOTAL	25.5	-	0.1-	0.1	0.1	-	-	-
<u>Other Doctoral Universities:</u>								
UNC Greensboro	31.8	-	0.2	-	-	-	-	-
<u>Comprehensive Universities:</u>								
Appalachian SU	28.2	-	-	3.0	-	-	-	-
E. Carolina U	31.3	-	-	-	-	-	-	-
Health Af.	69.6	-	-	-	-	-	-	-
N. C. A & T SU	35.7	-	0.1-	0.1	-	-	-	-
N. C. Central U	32.4	-	0.8	-	-	-	-	-
UNC Charlotte	33.4	-	-	-	-	-	-	-
W'n Carolina U	28.4	-	0.2	-	0.1	0.1	-	-
SUBTOTAL	33.0	-	0.1	0.6	0.1-	0.1-	-	-
<u>Gen. Baccalaureate Universities:</u>								
Elizabeth C. SU	33.7	-	-	0.5	-	-	-	-
Fayettev'le SU	31.5	-	-	0.9	-	-	-	-
Pembroke SU	39.8	-	0.3	-	-	-	-	-
UNC Asheville	31.3	-	-	-	0.1-	-	-	-
UNC Wilmington	30.9	-	-	-	0.3	-	-	-
Winst.-Salem SU	30.5	-	0.7	-	-	-	-	-
SUBTOTAL	32.7	-	0.2	0.2	0.1	-	-	-

**Instruction, Research & Public Service
Subprograms**

Table 14a

Inst. & Res. Ctrs.	Indiv. Project Res.	Direct Patient Care	Health Care Svc.	Commu- nity Svc.	Coop. Exten. Svc.	Public Broad Svc.	INSTITUTION
21	22	31	32	33	34	35	
							<u>Major Research Universities:</u>
-	16.0	-	-	1.7	1.8	-	N. C. State U
-	26.3	9.1	12.9	-	-	-	Vet. Med.
0.1	4.2	-	-	1.1	-	0.2	UNC Chap. Hill
1.5	25.4	1.9	1.8	0.3	0.1-	-	Health Af.
0.3	13.0	0.5	0.6	1.2	0.7	0.1	SUBTOTAL
							<u>Other Doctoral Universities:</u>
-	1.4	-	-	0.1	0.1-	-	UNC Greensboro
							<u>Comprehensive Universities:</u>
-	0.3	-	-	0.4	-	-	Appalachian SU
-	1.7	-	-	0.5	-	-	E. Carolina U
-	3.6	2.2	3.3	1.7	-	-	Health Af.
0.2	3.4	-	-	0.2	0.1	-	N. C. A & T SU
0.1-	0.1	-	-	0.1	-	-	N. C. Central U
0.3	1.3	-	-	-	-	-	UNC Charlotte
-	0.5	-	-	0.1	-	-	W'n Carolina U
0.1	1.3	0.1	0.1	0.3	0.1-	-	SUBTOTAL
							<u>Gen. Baccalaureate Universities:</u>
-	-	-	-	3.2	-	-	Elizabeth C. SU
-	0.2	-	-	0.4	-	0.1-	Fayettev'le SU
-	-	-	-	0.2	-	-	Pembroke SU
0.2	0.3	-	-	2.4	-	-	UNC Asheville
1.7	0.7	-	-	-	-	-	UNC Wilmington
-	0.6	-	-	0.1	-	-	Winst.-Salem SU
0.4	0.3	-	-	0.9	-	0.1-	SUBTOTAL

**Instruction, Research & Public Service
Subprograms**

Table 14a

INSTITUTION	Gen'l Acad. Instr.	Voc. Tech. Instr.	Prep. Remed. Instr.	Gen'l Studies	Occup. Relatd Instr.	Social Roles Instr.	Home & Family Life	Pers. Int. Leis. Instr.
	11	12	13	14	15	16	17	18
<u>Specialized Institution:</u>								
NC Sch. of Arts	50.6	-	-	-	-	-	-	-
<u>Teaching Hospital:</u>								
N. C. Mem. Hosp.	-	-	-	-	-	-	-	-
<u>Community Colleges & Tech. Inst./Col.:</u>								
SUBTOTAL	7.4	52.0	0.5	1.8	1.5	0.1-	0.2	0.3
PRIVATE INSTITUTIONS								
<u>Major Research Universities:</u>								
SUBTOTAL	14.9	-	0.1-	0.1-	0.2	-	-	0.1-
<u>Gen. Baccalaureate Colleges:</u>								
SUBTOTAL	26.7	0.1-	0.1	0.1-	0.1	0.1-	-	-
<u>Junior Colleges:</u>								
SUBTOTAL	26.0	-	0.2	-	-	-	-	-
GRAND TOTAL	23.5	7.2	0.1	0.4	0.3	0.1-	0.1-	0.1-

Instruction, Research & Public Service Subprograms

Table 14a

Inst. & Res. Ctrs.	Indiv. Project Res.	Direct Patient Care	Health Care Svc.	Communi- ty Svc.	Coop. Exten. Svc.	Public Broad Svc.	INSTITUTION
21	22	31	32	33	34	35	
							<u>Specialized Institution:</u>
-	-	-	-	0.4	-	-	NC Sch. of Arts
							<u>Teaching Hospital:</u>
-	0.1-	30.7	60.1	-	-	-	N. C. Mem. Hosp.
							<u>Community Colleges & Tech. Inst./Col.:</u>
-	-	-	-	0.3	0.1	0.1-	SUBTOTAL
PRIVATE INSTITUTIONS							
							<u>Major Research Universities:</u>
0.1-	9.8	4.0	8.6	0.1	-	0.1-	SUBTOTAL
							<u>Gen. Baccalaureate Colleges:</u>
-	0.1-	-	-	0.1	-	-	SUBTOTAL
							<u>Junior Colleges:</u>
-	-	-	-	0.1-	-	-	SUBTOTAL
0.1	4.4	1.1	2.1	0.4	0.2	0.1-	GRAND TOTAL

**Instruction, Research & Public Service
Subprograms**

Table 14a

INSTITUTION	Gen'l Acad. Instr.	Voc. Tech. Instr.	Prep. Remed. Instr.	Gen'l Studies	Occup. Relatd Instr.	Social Roles Instr.	Home & Family Life	Pers. Int. Leis. Instr.	Commu- nity Svc.
	11	12	13	14	15	16	17	18	33
<u>Community Colleges & Tech. Inst./Col.:</u>									
Anson TC	-	61.1	-	-	4.1	-	-	-	-
Ashev'le-Bun. TC	-	70.9	0.1	0.7	1.5	-	-	-	-
Beaufort Co. CC	2.7	63.3	-	0.7	-	-	-	-	-
Bladen TC	-	45.4	-	1.2	-	4.0	1.0	-	-
Blue Ridge TC	-	61.8	-	5.1	8.5	-	-	0.9	-
Brunswick TC	-	75.0	-	-	0.3	-	3.3	-	-
Caldwell CC & TI	10.2	42.3	2.6	-	-	-	-	-	0.1
Cape Fear TI	0.8	59.1	-	2.9	0.1	-	-	2.1	0.3
Carteret TC	-	43.5	0.1	1.6	0.2	-	0.8	0.5	0.8
Catawba Vy. TC	-	64.0	1.4	0.7	-	-	-	2.2	0.7
C. Carolina TC	-	63.6	-	3.2	4.7	-	-	-	-
C. Piedmont CC	9.0	30.6	0.3	-	0.4	-	-	-	0.1-
Cleveland TC	-	59.5	-	0.7	4.7	-	-	-	-
Coastal Car. CC	16.8	42.7	0.1	1.5	7.1	-	0.5	-	-
Col. Albemarle	17.5	44.7	0.8	3.6	0.4	-	-	-	0.1
Craven CC**	4.9	61.9	-	7.1	-	-	-	-	-
Davidson Co. CC	19.7	41.0	0.1	1.4	-	-	-	-	-
Durham TI	-	63.4	1.4	0.6	2.2	0.4	-	-	0.0
Edgecombe TC	-	68.0	-	3.5	-	-	-	-	-
Fayettev'le TI	-	62.1	-	0.6	2.1	-	-	-	-
Forsyth TI	-	68.2	0.2	0.9	-	-	-	-	-
Gaston Col.	19.9	50.0	0.7	0.8	0.2	-	-	-	0.1
Guilford TCC	0.6	51.4	1.7	8.4	1.0	-	-	1.2	0.5
Halifax CC	14.7	41.4	4.5	-	1.3	-	-	3.2	-
Haywood TC	-	59.6	-	0.7	11.0	-	-	2.1	-
Isothermal CC**	35.1	30.0	1.8	4.3	1.7	-	0.7	0.7	-
J. Sprunt TC	-	68.1	0.3	2.0	-	-	-	-	-
Johnston TC	-	74.4	-	7.4	-	-	-	-	-
Lenoir CC*	27.3	37.6	-	1.5	0.1	-	-	-	-
Martin CC*	11.8	47.2	-	0.6	-	-	2.6	-	-

*34 (Coop. Exten. Svc.): Lenoir CC - 0.1, Martin CC - 0.3, Vance-Granville CC - 0.1,
Subtotal - 0.1-

Instruction, Research & Public Service
Subprograms

Table 14a

INSTITUTION	Gen'l Acad. Instr.	Voc. Tech. Instr.	Prep. Remed. Instr.	Gen'l Studies	Occup. Relatd Instr.	Social Roles Instr.	Home & Family Life	Pers. Int. Leis. Instr.	Commu- nity Svc.
	11	12	13	14	15	16	17	18	33
<u>Community Colleges</u> <u>& Tech. Inst./Col.:</u>									
Mayland TC	-	68.6	-	2.3	-	-	-	-	-
McDowell TC	-	67.2	1.3	1.3	2.9	-	-	-	-
Mitchell CC	24.9	28.1	0.1	6.1	2.2	-	-	-	-
Montgomery TC	-	68.0	-	-	-	-	-	-	-
Nash TC	-	54.5	1.1	0.4	7.4	-	1.0	1.3	-
Pamlico TC	-	58.3	0.7	-	-	-	-	-	0.8
Piedmont TC	-	47.3	0.6	0.6	2.4	-	1.1	-	16.9
Pitt CC	3.9	67.2	0.5	1.4	-	-	-	-	-
Randolph TC	-	58.6	-	0.3	0.2	-	-	-	-
Richmond TC	-	68.4	1.3	2.2	2.3	-	-	-	-
Roanoke-Cho. TC	-	59.1	-	4.9	-	-	-	-	-
Robeson TC	-	66.0	-	0.8	-	-	-	-	-
Rockingham CC	35.9	28.8	-	0.9	0.1	-	-	-	-
Rowan TC	-	63.6	-	-	2.1	-	-	-	-
Sampson TC	-	61.0	-	11.2	-	-	-	-	-
Sandhills CC	19.9	44.7	0.8	0.8	0.7	-	-	-	-
Southeastern CC	9.6	57.3	1.4	0.8	-	-	-	-	0.1
Southwestern TC	-	62.8	-	-	-	-	-	0.6	-
Stanly TC**	-	62.6	-	-	0.4	-	-	-	-
Surry CC	20.2	43.0	1.1	-	2.0	-	-	-	0.5
TC Alamance	-	55.6	-	2.7	11.7	-	-	-	-
Tri-County CC	2.8	65.9	-	6.0	-	-	1.2	0.2	-
Vance-Granville CC*	3.4	54.0	-	2.1	2.3	-	-	-	0.1
Wake TC	-	58.2	0.3	0.1	0.6	-	-	-	0.1
Wayne CC	11.5	62.0	1.2	2.2	-	-	-	-	-
W. Piedmont CC	23.3	26.1	-	3.7	2.5	-	-	-	0.5
Wilkes CC	15.1	36.9	-	0.6	-	-	-	0.7	-
Wilson Co. TI	-	59.6	4.1	0.3	4.3	-	0.7	-	0.1
TOTAL	7.4	52.0	0.5	1.8	1.5	0.1-	0.2	0.3	0.3

**35 (Public Broad. Svc.): Craven CC - 0.1, Isothermal CC - 0.3, Stanly TC - 0.4,
Subtotal - 0.1-

ACADEMIC SUPPORT SUBPROGRAMS

Table 14b indicates the percentage of institutional square footage under each of the Academic Support Subprograms.

The definition of these subprograms follow. Subprograms which are described but which are not included in Table 14b had no square footage assigned to them by institutions.

- 41 Library Services. This subprogram includes those activities that directly support the collection, cataloging, storage, and distribution of published materials in support of one or more of the institution's primary programs. This subprogram applies only to library services which are separately funded; departmental libraries are included under the appropriate Instruction Subprogram.
- 42 Museums and Galleries. This subprogram includes those activities related to the collection, preservation, and exhibition of historical materials, art objects, scientific displays, and so forth, that support one or more of the institution's primary programs. This subprogram applies only to museums and galleries which are separately funded; departmental libraries are included under the appropriate Instruction Subprogram.
- 43 Educational Media Services. This subprogram includes those audio, visual, and other technological services that have been established to provide direct support for the institution's Instruction, Research, and Public Service Programs.
- 44 Academic Computing Support. This subprogram includes those computer services that have been established to provide direct support for one or more of the institution's primary programs. It does not include administrative data-processing services and computing support.
- 45 Ancillary Support. This subprogram includes those activities that directly contribute to the way in which instruction is delivered or research is conducted but that cannot be appropriately classified as educational media services or academic computing support.
- 46 Academic Administration. This subprogram consists of those activities that provide administrative and management support specifically for the institution's academic programs. It includes the activities of the college deans, the administrative activities of departmental chairpersons, and the activities of their associated support staff, but it does not in-

clude the activities of those whose responsibilities are institution-wide and involve duties outside of the academic realm.

- 47 Course and Curriculum Development. This subprogram includes only those formal planning and development activities established either to improve or to add to the institution's curriculum. Those activities that individual faculty members carry out to update and improve their current course offerings are included under the appropriate Instruction Subprogram.
- 48 Academic Personnel Development. This subprogram includes those activities that provide the faculty with opportunities for personal and professional growth and development, as well as those activities intended to evaluate and reward the professional performance of the faculty.

Academic Support Subprograms

Table 14b

INSTITUTION	Libr. Svcs.	Museum & Galleries	Educ. Media Svcs.	Acad. Comput. Spt.	Ancil- lary Spt.	Acad. Admin.	Course & Curr. Devel.	Acad. Pers. Dev.
	41	42	43	44	45	46	47	48
<u>Major Research Universities:</u>								
N. C. State U	4.0	-	0.2	0.7	0.1-	2.0	-	-
Vet. Med.	6.1	-	1.0	-	-	3.8	-	-
UNC Chap. Hill	15.6	0.6	0.1	0.3	0.1	2.7	-	-
Health Af.	4.0	-	0.3	0.1	0.1-	7.5	0.1	-
SUBTOTAL	8.7	0.3	0.2	0.4	0.1-	3.2	0.1-	-
<u>Other Doctoral Universities:</u>								
UNC Greensboro	8.4	0.8	1.1	0.4	1.4	0.3	-	-
<u>Comprehensive Universities:</u>								
Appalachian SU	6.1	1.2	0.4	0.2	0.5	1.9	-	-
E. Carolina U	6.4	0.4	0.1	-	2.4	1.5	-	-
Health Af.	11.4	-	0.4	-	0.5	3.2	-	-
N. C. A & T SU	3.8	0.7	0.3	0.3	5.1	2.9	-	-
N. C. Central U	10.0	0.5	0.6	0.5	0.1	2.7	-	-
UNC Charlotte	6.2	0.1	0.7	-	-	2.6	-	-
W'n Carolina U	8.5	0.6	0.4	0.2	4.4	1.6	-	-
SUBTOTAL	6.8	0.6	0.4	0.2	2.1	2.2	-	-
<u>Gen. Baccalaureate Universities:</u>								
Elizabeth C. SU	6.7	0.1	-	0.1	1.0	0.7	-	-
Fayettev'le SU	4.3	0.4	0.9	0.1	1.1	1.6	-	-
Pembroke SU	5.4	1.5	0.9	-	-	1.2	-	-
UNC Asheville	11.2	0.7	0.5	0.9	-	0.4	-	-
UNC Wilmington	7.2	-	-	0.1	-	1.6	-	0.1
Winst.-Salem SU	4.6	0.7	0.3	0.5	0.3	1.5	-	-
SUBTOTAL	6.3	0.5	0.4	0.3	0.4	1.2	-	0.1-

Academic Support Subprograms

Table 14b

INSTITUTION	Libr. Svc.	Museum & Galleries	Educ. Media Svc.	Acad. Comput. Spt.	Ancil- lary Spt.	Acad. Admin.	Course & Curr. Devel.	Acad. Pers. Dev.
	41	42	43	44	45	46	47	48
<u>Specialized Institution:</u>								
NC Sch. of Arts	5.2	0.7	0.1	-	-	0.6	-	-
<u>Teaching Hospital:</u>								
N. C. Mem. Hosp.	-	-	-	-	-	-	-	-
<u>Community Colleges & Tech. Inst./Col.:</u>								
SUBTOTAL	7.7	0.1	1.0	0.1	0.6	1.2	0.1-	0.1-
PRIVATE INSTITUTIONS								
<u>Major Research Universities:</u>								
SUBTOTAL	7.4	0.3	0.1	0.2	0.1-	2.0	-	-
<u>Gen. Baccalaureate Colleges:</u>								
SUBTOTAL	6.3	0.5	0.3	0.1-	0.3	0.4	-	0.1-
<u>Junior Colleges:</u>								
SUBTOTAL	6.1	0.3	0.1	0.1-	-	0.4	-	-
GRAND TOTAL	7.2	0.4	0.4	0.2	0.6	1.7	0.1-	0.1-

Academic Support Subprograms

Table 14b

INSTITUTION	Libr. Svcs.	Museum & Galleries	Educ. Media Svcs.	Acad. Comput. Spt.	Ancil- lary Spt.	Acad. Admin.	Course & Curr. Devel.	Acad. Pers. Dev.
	41	42	43	44	45	46	47	48
<u>Community Colleges & Tech. Inst./Col.:</u>								
Anson TC	16.5	-	0.6	-	-	2.3	-	-
Ashev'le-Bun. TC	5.2	-	0.4	-	-	1.4	-	-
Beaufort Co. CC	6.2	-	1.0	-	-	1.6	-	-
Bladen TC	8.4	-	1.2	-	-	1.3	-	-
Blue Ridge TC	5.1	-	0.9	-	-	1.0	-	-
Brunswick TC	1.7	-	-	-	-	1.5	-	-
Caldwell CC & TI	9.5	-	1.7	-	-	2.5	-	-
Cape Fear TI	9.2	-	2.3	-	-	0.6	-	-
Carteret TC	5.6	-	1.2	-	-	1.1	-	-
Catawba Vy. TC	7.3	0.3	1.1	-	-	2.1	-	-
C. Carolina TC	9.8	-	1.2	-	-	1.5	-	-
C. Piedmont CC	5.0	0.1	1.1	-	0.7	0.3	0.1-	0.1-
Cleveland TC	11.7	0.4	1.7	-	-	2.2	-	-
Coastal Car. CC	11.7	0.4	0.8	-	-	0.7	-	-
Col. Albemarle	9.6	0.9	0.9	-	-	1.7	-	-
Craven CC	11.7	-	1.9	-	-	1.4	-	-
Davidson Co. CC	12.3	-	2.0	1.7	2.4	1.9	-	-
Durham TI	3.0	-	1.5	-	-	1.6	-	0.1
Edgecombe TC	6.5	-	1.0	0.3	-	1.8	0.1	-
Fayettev'le TI	5.1	-	2.0	-	-	2.3	-	-
Forsyth TI	8.9	-	1.0	-	-	1.3	-	-
Gaston Col.	4.9	0.3	0.3	0.4	1.6	1.0	-	-
Guilford TCC	9.4	-	0.6	-	1.1	1.2	-	-
Halifax CC	13.6	-	-	-	-	0.8	-	-
Haywood TC	3.9	-	1.0	-	1.1	0.4	-	-
Isothermal CC	6.7	-	0.7	-	-	1.1	-	-
J. Sprunt TC	6.4	-	0.2	-	-	0.9	-	0.3
Johnston TC	4.1	-	0.8	-	-	1.7	-	-
Lenoir CC	11.7	-	-	-	-	1.0	-	-
Martin CC	13.4	-	-	-	-	1.8	-	-

Academic Support Subprograms

Table 14b

INSTITUTION	Libr. Svcs.	Museum & Galleries	Educ. Media Svcs.	Acad. Comput. Spt.	Ancil- lary Spt.	Acad. Admin.	Course & Curr. Devel.	Acad. Pers. Dev.
	41	42	43	44	45	46	47	48
<u>Community Colleges & Tech. Inst./Col.:</u>								
Mayland TC	10.1	-	-	-	-	1.1	-	-
McDowell TC	10.0	1.2	-	-	-	0.2	-	-
Mitchell CC	9.1	0.6	0.9	-	-	1.4	-	-
Montgomery TC	7.5	0.6	-	-	4.3	0.6	-	-
Nash TC	5.3	-	-	-	-	0.8	-	-
Pamlico TC	14.9	-	2.0	-	-	1.5	-	-
Piedmont TC	8.4	-	0.6	-	1.2	1.5	-	-
Pitt CC	5.6	0.2	0.4	-	4.1	0.9	-	-
Randolph TC	12.5	-	2.1	-	-	1.2	-	-
Richmond TC	7.9	-	0.4	-	-	1.0	-	-
Roanoke-Cho. TC	9.3	-	-	-	-	0.5	-	-
Robeson TC	6.0	-	0.2	-	-	2.2	-	-
Rockingham CC	9.3	0.8	0.6	-	-	0.8	-	-
Rowan TC	11.7	-	0.9	-	-	1.9	-	-
Sampson TC	6.3	-	-	-	-	2.8	-	-
Sandhills CC	6.0	-	1.0	-	-	0.8	-	-
Southeastern CC	7.3	-	0.8	-	-	0.4	-	-
Southwestern TC	10.0	-	0.2	-	-	1.6	-	-
Stall TC	6.9	-	-	-	-	1.9	-	-
Surry CC	9.5	-	1.9	-	-	0.1	-	-
TC Alamance	7.0	-	1.4	-	3.8	0.9	-	-
Tri-County CC	8.3	-	-	-	-	0.5	-	-
Vance-Granville CC	8.0	-	-	0.3	3.2	0.5	-	-
Wake TC	6.5	-	1.8	0.4	-	1.1	-	-
Wayne CC	5.1	-	1.1	-	-	0.7	-	-
W. Piedmont CC	9.8	-	2.6	-	-	3.9	-	-
Wilkes CC	7.1	1.4	1.2	-	2.2	1.1	-	-
Wilson Co. TI	4.4	-	1.4	-	6.0	1.9	-	-
TOTAL	7.7	0.1	1.0	0.1	0.6	1.2	0.1-	0.1-

STUDENT SERVICE AND PHYSICAL PLANT OPERATIONS SUBPROGRAMS

Table 14c indicates the percentage of institutional square footage under the Student Service and Physical Plant Operations Subprograms.

The definitions of these subprograms follow. Subprograms which are described but which are not included in Table 14c had no square footage assigned to them by institutions.

- 51 Student Service Administration. This subprogram includes those administrative activities that provide assistance and support (excluding academic support) to the needs and interests of students.
- 52 Social and Cultural Development. This subprogram includes those activities established to provide for the social and cultural development of the student outside of the formal academic program. It includes those activities primarily supported and controlled by the student body, those cultural activities provided outside the student's educational experience, and general recreation activities for the student body.
- 53 Counseling and Career Guidance. This subprogram includes those formal placement, career guidance, and personal counseling services provided for the benefit of students. Excluded are psychiatric and psychological counseling services that are carried out as part of the student health program.
- 54 Financial Aid Administration. This subprogram includes those administrative activities carried out in support of the institution's financial aid program.
- 55 Student Auxiliary Services. This subprogram includes those conveniences and services needed to maintain an on-campus, resident student body. A fee which is related to but not necessarily equal to the cost of the service rendered is often charged for these services.
- 56 Intercollegiate Athletics. This subprogram includes those team and individual sports activities that involve competition between two or more educational institutions.
- 57 Student Health/Medical Services. This subprogram includes those activities carried out for the specific purpose of providing health and medical services for the student body. The activities included here generally are associated with a student infirmary rather than a teaching hospital. Health and

medical services provided for the institution's faculty and staff are also included in this subprogram.

- 71 Physical Plant Administration. This subprogram consists of those administrative activities carried out in direct support of the institution's physical plant operations. Those activities related to the development of plans for plant expansion or modification as well as for new construction are also included.
- 72 Building Maintenance. This subprogram consists of those activities related to routine repair and maintenance of buildings and structures, including both normally recurring repairs and preventive maintenance.
- 73 Custodial Services. This subprogram consists of those activities related to custodial services in institutional buildings.
- 74 Utilities. This subprogram consists of those activities related to heating, cooling, light and power, gas, water, and any other utilities necessary for the operation of the physical plant.
- 75 Landscape and Ground Maintenance. This subprogram consists of those activities related to the operation and maintenance of campus landscape and grounds.
- 76 Major Repairs and Renovations. This subprogram consists of those activities related to major repairs, maintenance, and renovation projects. Major projects are defined as those costing in excess of \$10,000.

Student Service and Physical Plant Operations Subprograms

Table 14c

INSTITUTION	Stud. Svc. Admin.	Social/ Cultur. Devel.	Coun/ Career Guid.	Finan. Aid Admin.	Student Auxiliary Service	Inter- colleg. Athl.	Stud. Health/ Med. Svc.	Physical Plant Admin.	Build- ing Maint.	Custo- dial Svcs.	Utili- ties	Landscp. Grounds Maint.
	51	52	53	54	55	56	57	71	72	73	74	75
<u>Major Research Universities:</u>												
N. C. State U	0.1	2.8	0.1	0.1-	34.1	3.4	0.3	0.4	0.9	0.1-	0.5	0.1
Vet. Med.	-	0.1	-	-	3.3	-	-	-	0.3	0.2	-	-
UNC Chap. Hill	0.1	2.5	0.2	0.1	29.5	3.0	0.8	0.2	0.7	0.2	0.6	0.2
Health Aff.	0.1-	0.1-	0.1-	0.1-	0.3	-	-	-	-	0.2	-	-
SUBTOTAL	0.1	2.2	0.1	0.1	26.2	2.6	0.4	0.2	0.7	0.1	0.4	0.1
<u>Other Doctoral Universities:</u>												
UNC Greensboro	0.3	4.9	0.4	0.1	38.5	-	0.9	1.4	0.3	-	0.1-	-
<u>Comprehensive Universities:</u>												
Appalachian SU	0.3	6.7	0.3	0.1	38.4	1.3	0.8	1.8	0.8	0.1-	0.5	-
E. Carolina U	0.1	5.6	0.4	0.1	42.5	1.3	-	0.3	1.0	0.1	-	-
Health Aff.	-	-	-	-	-	-	2.5	0.1-	1.5	-	-	-
N. C. A & T SU	0.3	4.3	0.8	0.2	31.3	1.2	0.4	0.4	0.8	0.1-	0.1	0.1-
N. C. Central U	0.1	4.9	0.4	0.3	33.6	2.2	0.4	0.1	0.5	0.1-	-	0.1
UNC Charlotte	0.2	4.7	0.5	0.1	43.0	0.3	0.6	0.2	0.8	0.1	-	-
W'n Carolina U	0.1	3.3	0.7	0.1	38.5	1.0	0.4	0.3	0.9	0.1	-	-
SUBTOTAL	0.2	4.8	0.5	0.1	36.7	1.1	0.5	0.6	0.9	0.1-	0.1	0.1-
<u>Gen. Baccalaureate Universities:</u>												
Elizabeth C. SU	-	4.9	0.3	0.2	33.7	0.1	1.0	0.8	0.5	-	-	-
Fayetteville SU	0.1	6.7	0.2	0.1	34.9	1.1	0.8	0.1	2.7	-	-	0.7
Pembroke SU	0.1	9.7	0.3	0.2	28.7	0.2	0.6	0.6	0.8	0.1-	-	0.2
UNC Asheville	0.2	5.8	0.6	0.2	28.2	1.9	0.3	0.3	1.4	-	0.5	0.3
UNC Wilmington	0.2	5.4	0.5	0.4	33.7	7.8	0.1	0.1	0.5	-	0.1	0.1-
Winst.-Salem SU	0.1	4.4	0.4	0.2	30.5	2.0	0.5	0.2	1.3	-	0.2	-
SUBTOTAL	0.1	6.0	0.4	0.2	31.9	2.5	0.5	0.3	1.2	0.1-	0.1	0.2
<u>Specialized Institution:</u>												
NC Sch. of Arts	0.1	5.8	0.1	-	25.2	-	0.7	0.2	0.3	-	-	-
<u>Teaching Hospital:</u>												
N. C. Mem. Hosp.	-	-	-	-	-	-	-	0.7	1.6	-	0.2	-
<u>Community Colleges & Tech. Inst./Col.:</u>												
SUBTOTAL	0.4	3.5	0.9	0.2	9.2	0.1-	0.1-	0.2	1.6	0.1-	-	0.2
PRIVATE INSTITUTIONS												
<u>Major Research Universities:</u>												
SUBTOTAL	0.1	3.4	0.1	0.1-	22.3	2.5	0.1	0.4	0.9	0.1	0.3	0.1
<u>Gen. Baccalaureate Colleges:</u>												
SUBTOTAL	0.2	8.2	0.2	0.2	39.5	1.6	0.6	0.2	1.3	0.1	0.1-	0.1-
<u>Junior Colleges:</u>												
SUBTOTAL	0.3	7.5	0.2	0.1	40.9	1.2	0.7	0.4	1.3	0.1	0.1-	0.1-
GRAND TOTAL	0.2	4.7	0.3	0.1	28.6	1.6	0.4	0.4	1.0	0.1	0.2	0.1

Student Service and Physical Plant Operations Subprograms

Table 14c

INSTITUTION	Stud. Svc. Admin.	Social/ Cultur. Devel.	Coun/ Career Guid.	Finan. Aid Admin.	Student Auxiliary Service	Inter- colleg. Athl.	Stud. Health/ Med. Svc.	Physical Plant Admin.	Build- ing Maint.	Custo- dial Svcs.	Landscp. Grounds Maint.
	51	52	53	54	55	56	57	71	72	73	75
Community Colleges & Tech. Inst./Col.											
Anson TC	0.4	1.3	-	0.2	5.8	-	-	-	2.5	-	-
Asheville-Bun. TC	0.1	1.1	0.3	0.1	3.0	-	-	0.8	0.8	0.2	-
Beaufort Co. CC	0.5	9.1	0.1	0.3	3.6	-	-	-	3.2	-	-
Bladen TC	0.9	19.1	0.7	-	2.2	-	-	-	4.8	-	-
Blue Ridge TC	0.2	4.8	0.6	0.1	5.5	-	-	-	6.7	-	-
Brunswick TC	0.6	-	0.1	0.2	2.7	-	-	-	0.4	-	-
Caldwell CC & TI	-	12.6	1.2	-	5.4	-	-	0.1	1.5	-	0.1
Cape Fear TI	0.9	3.7	1.3	0.2	6.2	-	-	-	-	-	-
Carteret TC	0.7	2.1	0.1	0.1	3.5	-	-	0.3	0.3	-	-
Catawba Vy. TC	0.2	4.3	1.9	0.1	3.1	-	-	-	-	-	-
C. Carolina TC	0.4	0.8	1.0	0.2	7.1	-	0.2	1.3	-	-	-
C. Piedmont CC	0.2	0.3	1.1	0.3	45.4	-	-	0.2	0.8	0.1-	0.1-
Cleveland TC	1.0	3.8	0.1	0.1	2.7	-	-	0.1	2.1	-	0.8
Coastal Car. CC	0.2	2.5	0.6	0.1	6.3	-	-	-	2.5	-	-
Col. Albemarle	1.6	6.3	0.6	0.3	2.0	-	-	-	1.9	-	-
Craven CC	0.2	0.1	1.2	0.2	3.8	-	-	-	-	-	-
Davidson Co. CC	0.2	2.5	1.2	0.1	4.9	-	0.1	0.1	2.6	-	-
Durham TI	0.1	0.8	1.2	-	4.9	-	-	0.5	2.3	0.1	0.8
Edgecombe TC	0.5	6.1	0.5	0.2	3.9	-	-	-	1.5	0.3	-
Fayetteville TI	0.6	6.9	1.5	-	5.4	-	0.1	-	1.9	0.5	-
Forsyth TI	0.1	3.9	0.9	0.1	7.5	-	-	0.2	2.0	-	-
Gaston Col.	0.3	6.4	0.7	0.1	5.1	-	0.1	-	0.1-	-	-
Guilford TCC	0.1	5.0	0.7	0.2	4.4	-	-	-	1.2	-	-
Halifax CC	0.2	5.4	2.8	0.3	0.9	-	-	0.2	4.2	-	-
Haywood TC	0.1	-	0.2	0.1	4.0	-	-	0.1-	0.6	0.1-	3.0
Isothermal CC	0.4	3.7	0.5	-	6.2	-	-	0.1	1.1	0.1	-
J. Sprunt TC	0.9	3.6	0.9	0.3	4.5	-	-	-	4.9	-	-
Johnston TC	0.6	-	0.5	0.1	1.9	-	-	0.1	-	0.1-	-
Lenoir CC	0.1	2.4	0.3	0.3	4.2	1.6	-	-	4.5	-	0.2
Martin CC	0.4	7.3	0.6	0.2	4.1	-	-	0.9	3.2	-	-
Mayland TC	0.3	0.3	0.6	0.3	8.3	-	-	-	-	-	-
McDowell TC	0.4	-	0.8	0.2	4.9	-	-	-	0.7	-	1.4
Mitchell CC	0.2	7.8	1.6	0.2	4.9	-	-	-	0.9	-	-
Montgomery TC	0.3	4.1	0.7	0.2	5.3	-	-	-	-	-	-
Nash TC	0.1	0.1	1.8	0.2	3.1	-	-	0.2	3.6	-	-
Pamlico TC	0.5	-	0.8	-	7.0	-	-	-	4.0	-	-
Piedmont TC	0.3	0.4	0.8	0.1	6.7	-	-	-	4.1	-	-
Pitt CC	1.3	-	0.6	0.6	4.0	-	-	-	0.9	0.6	-
Randolph TC	1.1	4.1	0.8	0.1	7.1	-	-	-	0.9	-	-
Richmond TC	0.3	0.2	0.2	0.1	7.8	-	0.1	-	1.9	-	-
Roanoke-Cho. TC	0.4	3.0	0.3	0.1	6.0	-	-	-	0.8	0.1-	6.3
Robeson TC	0.1	3.9	0.4	0.1	2.0	-	-	-	0.2	-	-
Rockingham CC	0.6	7.3	0.5	0.1	4.2	-	-	0.1	0.7	-	0.3
Rowan TC	0.5	-	0.1	0.1	8.9	-	-	-	4.7	-	-
Sampson TC	0.3	1.2	0.8	0.1	4.2	-	-	-	-	-	-
Sandhills CC	0.2	1.5	0.9	0.2	11.0	-	-	0.1	3.2	-	-
Southeastern CC	0.3	4.2	1.3	0.8	6.7	-	-	0.4	0.7	-	-
Southwestern TC	1.0	6.3	0.4	0.4	6.1	-	-	-	3.5	-	-
Stanly TC	0.5	2.5	1.3	-	1.6	-	-	-	-	-	-
Surry CC	0.1	3.4	1.9	0.1	8.8	-	-	0.1	2.6	-	-
TC Alamance	0.5	0.2	0.2	0.5	6.6	-	-	0.6	1.3	-	-
Tri-County CC	0.3	-	0.1	0.1	3.2	-	-	-	-	-	-
Vance-Granville CC	0.1	0.2	2.9	-	6.0	-	-	-	1.0	-	-
Wake TC	0.5	3.8	2.4	0.2	5.4	-	0.2	1.3	3.0	-	0.9
Wayne CC	1.5	-	1.3	0.1	6.7	-	0.4	-	0.3	-	-
W. Piedmont CC	1.1	7.5	0.7	0.1	6.4	-	0.1	0.2	3.6	-	1.4
Wilkes CC	0.1	15.1	0.7	0.1	3.6	-	-	0.1	0.5	0.2	-
Wilson Co. TI	0.2	1.9	1.2	0.1	3.4	-	0.2	0.1	0.6	-	-
TOTAL	0.4	3.5	0.9	0.2	9.2	0.1-	0.1-	0.2	1.6	0.1-	0.2

INSTITUTIONAL ADMINISTRATION, INDEPENDENT OPERATIONS, AND UNASSIGNED SUBPROGRAMS

Table 14d indicates the percentage of institutional square footage under the Institutional Administration, Independent Operations, and Unassigned Subprograms. The definitions of these subprograms follow.

- 61 Executive Management. This subprogram consists of those executive-level activities concerned with the overall management of and long-range planning for the entire institution. Included are the activities of the various administrators involved in policy formulation and executive direction, including those of the governing board, the chief executive officer, and the senior executive officers.
- 62 Financial Management and Operations. This subprogram consists of those activities related to the day-to-day financial management and fiscal operations of the institution.
- 63 General Administration and Logistical Services. This subprogram consists of those activities related to the general administrative operations and services of the institution with the exception of those activities related to financial operations, to administrative data processing, and to student records.
- 64 Administrative Computing Support. This subprogram includes those computer and data processing services that have been established to provide support for institution-wide administrative functions.
- 65 Faculty and Staff Auxiliary Services. This subprogram includes those support services that have been established primarily to serve the faculty and staff. A fee which is related to but not necessarily equal to the cost of the service rendered is often charged for these services.
- 66 Public Relations/Development. This subprogram consists of those institutional activities established to maintain relations with the local community, the institution's alumni, governmental entities, and the public in general, as well as those activities carried out to support institution-wide fund raising and development efforts.
- 67 Student Recruitment and Admissions. This subprogram consists of those activities carried out by an institution that are related to the identification of prospective students, the promotion of attendance at the institution, and the processing of applications for admission to the institution.

- 68 Student Records. This subprogram includes those activities the institution carries out to maintain, handle, and update records for currently enrolled students as well as for those who were previously enrolled.
- 91 Independent Operations/Institutional. This subprogram includes those operations that are owned or controlled by the institution but that are unrelated to or independent of the institution's mission. Excluded are those operations managed as investments of the institution's endowment funds.
- 92 Independent Operations/External Agencies. This subprogram includes those activities that are controlled or operated by outside agencies, but that are housed or otherwise supported in some way by the institution.
- 01 Capable of Use. This subprogram is limited to rooms that are not in use but are capable of use at the time of the inventory.
- 02 Incapable of Use. This subprogram is limited to rooms that are not in use at the time of the inventory because they are incapable of use. Included are rooms under alteration or renovation and rooms which have been declared structurally unsafe.

Subprogram 03 (Building Service) is not included in this table (and is not considered as part of Program 00 in Table 14) because it applies to nonassignable area only.

Institutional Administration, Independent Operations & Unassigned Subprograms

Table 14d

INSTITUTION	Exec. Mgmt.	Fin. Mgmt. & Opns.	Gen. Adm. Log. Svc.	Admin. Comput. Spt.	Fac/Staff Aux Svcs.	Public Rela/ Devel.	Stud. Recruit. Admiss.	Stud. Recd.	Indep. Opns. Inst.	Indep. Opns. Ext. Agency	Unassigned	
	61	62	63	64	65	66	67	68	91	92	Usable	Unusable
<u>Major Research Universities:</u>												
N. C. State U	0.1	0.5	1.8	0.2	0.2	0.2	0.1	0.1	0.3	0.3	0.4	0.4
Vet. Med.	-	-	2.1	-	-	-	-	-	-	-	0.3	-
UNC Chap. Hill	0.4	0.6	3.3	0.3	0.7	0.3	0.2	0.2	3.0	1.5	0.3	0.7
Health Af.	-	-	0.1	-	0.1	0.1-	0.1-	0.1-	27.9	2.0	1.9	0.4
SUBTOTAL	0.2	0.5	2.2	0.2	0.4	0.2	0.1	0.1	5.8	1.1	0.6	0.5
<u>Other Doctoral Universities:</u>												
UNC Greensboro	0.7	0.4	1.9	0.3	0.4	0.8	0.2	-	-	-	0.3	2.4
<u>Comprehensive Universities:</u>												
Appalachian SU	0.5	0.4	2.3	0.5	2.2	0.3	0.1	0.2	-	0.1	0.1	0.4
E. Carolina U	0.3	0.2	1.6	0.4	0.3	0.3	0.1	0.2	-	-	0.5	0.1
Health Af.	-	-	-	-	-	-	-	-	-	-	0.1-	-
N. C. A & T SU	1.3	1.1	1.4	0.1	1.4	0.3	0.1	0.1	-	0.6	0.7	0.3
N. C. Central U	0.9	0.6	2.6	0.5	2.3	0.4	0.3	0.2	-	0.1	0.6	1.3
UNC Charlotte	0.9	0.7	2.0	0.4	0.4	0.2	0.4	0.1	-	-	-	-
W'n Carolina U	0.7	0.4	1.3	0.3	3.9	0.5	0.2	0.2	-	1.1	0.1-	1.2
SUBTOTAL	0.7	0.5	1.7	0.4	1.6	0.3	0.2	0.2	-	0.3	0.3	0.5
<u>Gen. Baccalaureate Universities:</u>												
Elizabeth C. SU	0.7	0.6	2.3	0.2	4.4	0.3	0.2	0.1	-	-	0.6	2.9
Fayetteville SU	1.6	1.3	3.5	-	2.5	0.2	0.2	0.3	0.1-	0.3	1.1	-
Pembroke SU	1.3	0.5	2.9	0.4	1.4	0.4	0.5	0.1	-	-	1.8	0.1
UNC Asheville	0.8	0.3	2.8	0.1	2.0	1.2	0.3	0.6	-	1.0	-	3.2
UNC Wilmington	1.1	0.5	2.6	0.5	0.1	1.5	0.2	0.2	-	0.4	0.1	1.2
Winst.-Salem SU	0.6	0.5	1.8	-	1.1	0.6	0.3	0.4	-	0.1	14.2	0.7
SUBTOTAL	1.0	0.6	2.6	0.2	1.8	0.7	0.3	0.3	0.1-	0.3	3.3	1.3
<u>Specialized Institution:</u>												
NC Sch. of Arts	0.9	0.4	1.9	-	2.9	1.0	0.3	0.7	-	0.1-	0.2	1.7
<u>Teaching Hospital:</u>												
N. C. Mem. Hosp.	0.7	1.3	1.1	0.3	-	-	-	-	-	2.5	0.7	-
<u>Community Colleges & Tech. Inst./Coll.:</u>												
SUBTOTAL	1.4	1.1	3.4	0.2	0.5	0.2	0.3	0.5	0.1	0.5	0.5	0.4
PRIVATE INSTITUTIONS												
<u>Major Research Universities:</u>												
SUBTOTAL	0.2	0.2	2.7	0.3	3.1	0.5	0.1	0.1-	12.7	1.7	0.3	0.1
<u>Gen. Baccalaureate Colleges:</u>												
SUBTOTAL	0.7	0.5	2.3	0.2	6.0	0.6	0.4	0.2	0.3	0.7	0.7	0.5
<u>Junior Colleges:</u>												
SUBTOTAL	0.5	0.5	2.1	0.1-	7.9	0.7	0.4	0.2	-	-	1.3	0.4
GRAND TOTAL	0.6	0.5	2.4	0.2	2.5	0.4	0.2	0.2	3.1	0.8	0.7	0.5

Institutional Administration, Independent Operations & Unassigned Subprograms

Table 14d

INSTITUTION	Exec. Mgmt.	Fin. Mgmt. & Opns.	Gen. Adm. Log. Svc.	Admin. Comput. Spt.	Fac/Staff Aux Svcs.	Public Rela/ Devel.	Stud. Recruit. Admiss.	Stud. Recd.	Indep. Opns. Inst.	Indep. Opns. Ext. Agency	Unassigned	
	61	62	63	64	65	66	67	68	91	92	Usable 01	Unusable 02
<u>Community Colleges & Tech. Inst./Col.</u>												
Anson TC	2.8	1.7	0.8	-	-	-	-	-	-	-	-	-
Asheville-Bun. TC	1.7	1.1	9.4	0.1	0.3	-	-	0.3	-	-	0.1	0.7
Beaufort Co. CC	2.1	1.0	1.0	-	0.4	-	0.1	1.0	-	-	-	2.0
Bladen TC	2.3	1.2	3.3	0.4	0.1	0.2	-	0.2	-	-	-	2.1
Blue Ridge TC	1.0	2.1	0.3	-	-	0.1	-	0.5	-	-	-	-
Brunswick TC	1.6	1.7	3.4	-	-	0.2	-	-	-	-	7.4	-
Caldwell CC & TI	1.2	1.0	5.5	0.3	-	0.2	1.8	0.4	-	-	-	-
Cape Fear TI	1.2	2.6	4.1	0.2	0.6	-	-	0.7	-	0.7	0.7	-
Carteret TC	0.5	0.6	17.1	0.3	0.3	-	-	0.2	-	14.9	-	3.7
Catawba Vy. TC	0.7	1.2	7.0	-	0.6	0.1	-	0.9	-	-	0.1	-
C. Carolina TC	1.5	1.4	0.8	-	0.2	-	-	1.2	-	-	-	-
C. Piedmont CC	0.6	0.6	1.3	0.1	0.3	0.1	0.6	0.4	-	-	-	-
Cleveland TC	1.8	0.7	3.5	-	0.5	0.5	0.1	0.3	-	-	0.8	-
Coastal Car. CC	1.1	1.2	1.8	-	0.6	0.1	0.2	0.5	-	-	0.1	-
Col. Albemarle	1.8	1.2	2.0	0.9	0.3	0.2	0.3	0.4	-	-	-	-
Craven CC	1.3	1.4	1.6	-	0.3	0.5	-	0.4	-	-	-	-
Davidson Co. CC	1.4	0.6	0.9	0.2	1.5	0.4	0.2	0.5	-	-	-	-
Durham TI	1.2	1.1	4.5	-	0.6	0.4	1.7	0.2	-	-	-	4.8
Edgecombe TC	2.3	0.9	0.7	-	0.1	-	-	0.3	-	1.5	-	-
Fayetteville TI	1.2	1.6	2.9	0.6	0.1	0.3	0.1	0.1	-	-	1.9	-
Forsyth TI	1.2	1.0	1.2	-	0.4	-	0.6	0.6	-	-	-	-
Gaston Col.	1.7	0.6	3.5	-	0.2	0.2	0.3	0.2	-	0.1	0.3	-
Guilford TCC	1.6	0.7	5.2	0.5	1.9	0.1	1.0	0.1	-	-	0.1	-
Halifax CC	0.4	0.6	3.5	0.4	1.0	-	0.2	0.2	-	-	-	-
Haywood TC	0.7	0.3	1.0	0.1	0.2	-	0.2	0.1	-	9.5	0.1	-
Isothermal CC	2.2	1.4	0.5	0.1	0.1	0.2	0.2	0.3	-	-	-	-
J. Sprunt TC	1.9	2.0	1.7	-	-	0.7	0.1	0.4	-	-	-	-
Johnston TC	1.1	0.7	3.8	0.3	1.1	-	0.1	0.3	-	-	0.7	-
Lenoir CC	0.7	1.6	1.1	-	0.5	-	0.5	0.5	-	-	2.0	-
Martin CC	0.9	0.9	1.3	1.6	0.3	-	-	0.4	-	0.4	-	-
Mayland TC	2.5	2.3	2.1	0.5	-	-	-	0.8	-	-	-	-
McDowell TC	1.9	1.6	3.8	-	0.1	-	-	0.2	-	-	-	-
Mitchell CC	1.7	0.7	2.7	0.3	1.0	0.7	0.2	1.0	-	0.5	2.0	0.3
Montgomery TC	2.7	1.8	3.3	-	-	-	0.2	0.3	-	-	-	-
Nash TC	1.9	1.1	3.8	0.2	0.6	0.1	-	0.8	-	2.0	-	8.5
Pamlico TC	2.9	3.3	3.1	-	-	-	-	0.3	-	-	-	-
Piedmont TC	2.1	0.8	1.7	0.2	0.2	0.8	0.1	0.8	-	-	0.2	-
Pitt CC	0.6	1.3	2.2	-	0.7	0.2	-	0.8	-	-	1.9	0.2
Randolph TC	2.0	1.0	5.6	0.2	0.9	0.1	-	1.1	-	-	-	-
Richmond TC	1.4	1.1	2.0	-	-	0.6	-	0.6	-	-	-	-
Roanoke-Cho. TC	2.1	1.6	4.6	0.2	0.2	0.2	-	0.4	-	-	-	-
Robeson TC	1.5	0.8	6.8	0.1	0.5	0.2	0.3	0.1	-	-	7.7	-
Rockingham CC	0.9	1.1	3.5	0.9	0.7	0.3	0.7	0.3	-	0.1	0.5	-
Rowan TC	1.3	0.8	1.2	1.2	0.6	-	0.2	0.2	-	-	-	-
Sampson TC	1.8	2.3	1.9	0.5	-	-	0.2	1.4	-	-	-	3.9
Sandhills CC	1.2	0.4	1.8	0.5	3.7	0.2	0.1	0.3	-	-	-	-
Southeastern CC	1.0	0.9	4.0	0.2	-	1.0	-	0.8	-	-	-	-
Southwestern TC	1.8	1.0	2.8	-	-	0.4	-	0.4	-	-	0.6	-
Stanly TC	3.5	1.9	6.9	-	-	0.6	0.2	0.5	-	-	8.4	-
Surry CC	0.7	1.1	2.0	-	0.6	-	0.1	0.1	-	-	0.1	-
TC Alamance	2.0	0.9	2.0	-	1.2	0.2	0.2	0.6	-	-	-	-
Tri-County CC	1.2	0.9	4.4	0.1	0.1	-	-	0.3	-	-	4.3	-
Vance-Granville CC	2.0	1.3	11.3	-	-	0.3	0.1	0.9	-	-	-	-
Wake TC	1.7	0.7	6.5	0.4	1.4	0.2	0.5	1.0	-	-	0.3	0.5
Wayne CC	1.2	1.4	1.9	0.4	-	0.1	-	1.1	-	-	-	-
W. Piedmont CC	1.4	1.0	2.3	0.7	-	0.3	0.1	0.7	-	-	-	-
Wilkes CC	1.7	1.1	5.2	0.2	0.1	0.1	0.4	0.1	4.3	-	-	-
Wilson Co. TI	1.4	1.1	5.4	-	0.2	0.3	1.0	0.1	-	-	-	-
TOTAL	1.4	1.1	3.4	0.2	0.5	0.2	0.3	0.5	0.1	0.5	0.5	0.4

TABLE 15:
ASSIGNABLE AREA BY ROOM CODES

Just as all assignable space can be categorized by program (Table 14), it can also be classified by type of room. A system of codes has been developed which includes virtually all types of rooms which can be found at a college or university. The room code system is summarized on page 118; specific definitions can be found in the Higher Education Facilities Commission's Facilities Inventory and Utilization Manual (fourth edition).

Table 15 provides percentage distributions among the ten major room code divisions. In theory, the sum of the percentages should always equal 100.0, but they do not for some institutions because of rounding.

The data from the 1974 HEGIS facilities survey, conducted by the National Center for Education Statistics, serve as the basis for norms. The following chart reports these norms and summarizes the corresponding data from Table 15. These norms are not applicable to the public two-year institutions because they have almost no residential space. For these schools, the subtotal for "Community Colleges and Technical Institutes/Colleges" in Table 15 may serve as a norm.

<u>Room Code</u>	<u>Norm</u>	<u>All N. C. Institutions 1984</u>
Classroom (Series 100)	8.0	7.6
Laboratory (Series 200)	14.5	14.7
Office (Series 300)	13.0	14.9
Study (Series 400)	6.8	7.4
Special Use (Series 500)	8.9	8.1
General Use (Series 600)	12.0	12.1
Supporting (Series 700)	6.5	9.3
Health Care (Series 800)	1.4	2.5
Residential (Series 900)	26.7	23.5
Unclassified (Series 000)	2.2	0.9

ROOM CODES

100 Classroom Facilities

110 Classroom
115 Classroom Service

200 Laboratory Facilities

210 Class Laboratory
215 Class Laboratory Service
220 Special Class Laboratory
225 Special Class Laboratory Service
230 Individual Study Laboratory
235 Individual Study Laboratory Service
250 Nonclass Laboratory
255 Nonclass Laboratory Service

300 Office Facilities

310 Office
315 Office Service
350 Conference Room (Office Related)
355 Conference Room Service (Office Related)

400 Study Facilities

410 Reading/Study Room
420 Stack
430 Open Stack Reading Room
440 Processing Room
455 Study Service

500 Special Use Facilities

510 Armory
515 Armory Service
520 Athletic/Physical Education
523 Athletic Facilities Spectator Seating
525 Athletic/Physical Education Service
530 Audiovisual, Radio, TV
535 Audiovisual, Radio, TV Service
540 Clinic (Nonhealth Professions)
550 Demonstration
555 Demonstration Service
560 Field Building
570 Animal Quarters
575 Animal Quarters Service
580 Greenhouse
585 Greenhouse Service
590 Other

600 General Use Facilities

610 Assembly
615 Assembly Service
620 Exhibition

625 Exhibition Service

630 Food Facilities
635 Food Facilities Service
650 Lounge
655 Lounge Service
660 Merchandising Facilities
665 Merchandising Facilities Service
670 Recreation
675 Recreation Service
680 Meeting Room
685 Meeting Room Service
690 Locker Room

700 Supporting Facilities

710 Data Processing/Computer
715 Data Processing/Computer Service
720 Shop
725 Shop Service
730 Storage
735 Storage Service
740 Vehicle Storage Facility
745 Vehicle Storage Facility Service
750 Central Food Stores
760 Central Laundry

800 Health Care Facilities

810 Patient Bedroom
820 Patient Bath
830 Nurse Station
840 Surgery
850 Treatment
860 Service Laboratory
870 Supplies
880 Public Waiting
895 Health Care Service

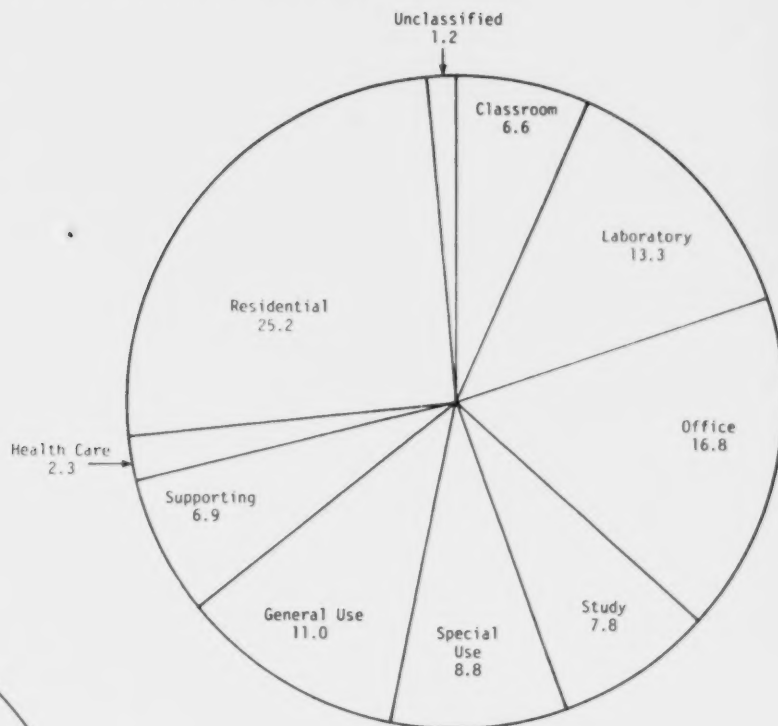
900 Residential Facilities

910 Sleep/Study Without Toilet/Bath
919 Toilet/Bath
920 Sleep/Study with Toilet/Bath
935 Sleep/Study Service
950 Apartment
955 Apartment Service
970 House

000 Unclassified Facilities

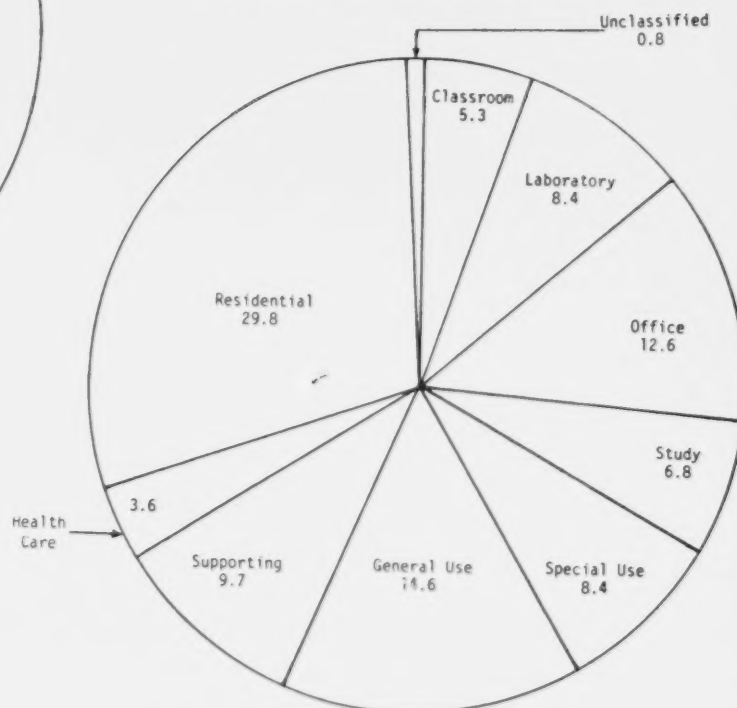
050 Inactive Area
060 Alteration or Conversion Area
070 Unfinished Area

ASSIGNABLE AREA BY ROOM CODES

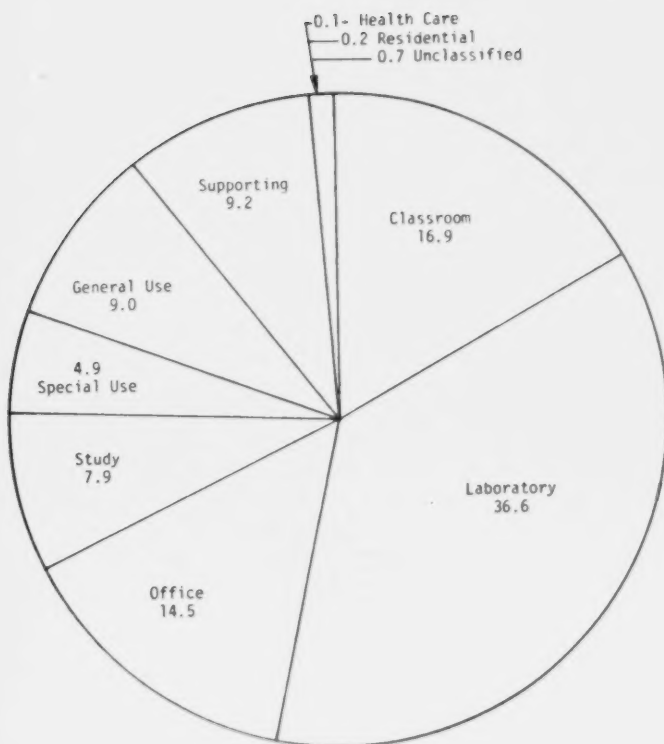


The University of North Carolina

ALL PUBLIC BACCALAUREATE-GRANTING INSTITUTIONS
AND N.C. MEMORIAL HOSPITAL



Community Colleges and Technical Institutes



Assignable Area by Room Codes

Table 15

INSTITUTION	Total Assignable Area	Classroom Facilities (100)		Laboratory Facilities (200)		Office Facilities (300)		Study Facilities (400)	
		ASF	%	ASF	%	ASF	%	ASF	%
<u>Major Research Universities:</u>									
N. C. State U	4,270,379	213,858	5.0	824,368	19.3	754,580	17.7	168,608	3.9
Vet. Med.	223,663	7,724	3.5	51,728	23.1	31,137	13.9	13,269	5.9
UNC Chap. Hill	4,134,641	220,074	5.3	350,549	8.5	694,161	16.8	653,388	15.8
Health Af.	1,645,706	58,472	3.6	427,198	26.0	442,179	26.9	69,846	4.2
SUBTOTAL	10,274,389	500,128	4.9	1,653,843	16.1	1,922,057	18.7	905,111	8.8
<u>Other Doctoral Universities:</u>									
UNC Greensboro	1,675,612	143,129	8.5	162,768	9.7	280,278	16.7	141,915	8.5
<u>Comprehensive Universities:</u>									
Appalachian SU	1,845,976	140,910	7.6	132,289	7.2	269,725	14.6	106,279	5.8
E. Carolina U	1,877,746	149,975	8.0	244,232	13.0	239,362	12.7	130,800	7.0
Health Af.	406,772	33,725	8.3	137,692	33.8	105,881	26.0	37,843	9.3
N. C. A & T SU	1,343,564	118,171	8.8	208,016	15.5	218,913	16.3	61,968	4.6
N. C. Central U	908,692	101,296	11.1	77,955	8.6	149,498	16.5	109,963	12.1
UNC Charlotte	1,297,756	83,960	6.5	172,668	13.3	207,757	16.0	103,524	8.0
W'n Carolina U	1,423,120	95,572	6.7	133,010	9.3	185,348	13.0	119,103	8.4
SUBTOTAL	9,103,626	723,609	7.9	1,105,862	12.1	1,376,484	15.1	669,480	7.4
<u>Gen. Baccalaureate Universities:</u>									
Elizabeth C. SU	492,751	38,137	7.7	51,890	10.5	52,629	10.7	35,273	7.2
Fayetteville SU	497,024	40,263	8.1	55,868	11.2	70,436	14.2	29,934	6.0
Pembroke SU	438,238	47,328	10.8	34,976	8.0	58,135	13.3	28,886	6.6
UNC Asheville	353,177	31,489	8.9	37,230	10.5	48,371	13.7	41,707	11.8
UNC Wilmington	661,697	51,541	7.8	71,478	10.8	104,574	15.8	41,657	6.3
Winst.-Salem SU	584,877	64,833	11.1	44,725	7.6	74,817	12.8	28,156	4.8
SUBTOTAL	3,027,764	273,591	9.0	296,167	9.8	408,962	13.5	205,613	6.8
<u>Specialized Institution:</u>									
NC Sch. of Arts	325,483	15,605	4.8	101,986	31.3	44,225	13.6	17,501	5.4
<u>Teaching Hospital:</u>									
N. C. Mem. Hosp.	566,044	-	-	160	0.1	168,268	29.7	3,773	0.7
<u>Community Colleges & Tech. Inst./Col.:</u>									
SUBTOTAL	7,170,992	1,211,436	16.9	2,622,674	36.6	1,039,730	14.5	565,765	7.9
PRIVATE INSTITUTIONS									
<u>Major Research Universities:</u>									
SUBTOTAL	7,876,358	247,233	3.1	798,512	10.1	1,352,130	17.2	566,011	7.2
<u>Gen. Baccalaureate Colleges:</u>									
SUBTOTAL	10,015,628	673,514	6.7	727,875	7.3	988,485	9.9	661,302	6.6
<u>Junior Colleges:</u>									
SUBTOTAL	1,720,185	120,123	7.0	123,475	7.2	127,251	7.4	104,215	6.1
GRAND TOTAL	51,756,081	3,908,368	7.6	7,593,322	14.7	7,707,870	14.9	3,840,686	7.4

Assignable Area by Room Codes

Table 15

Special Use Facilities (500)		General Use Facilities (600)		Supporting Facilities (700)		Health Care Facilities (800)		Residential Facilities (900)		Unclassified Facilities (000)		INSTITUTION
ASF	%	ASF	%	ASF	%	ASF	%	ASF	%	ASF	%	
<u>Major Research Universities:</u>												
436,058	10.2	370,481	8.7	512,765	12.0	10,462	0.2	962,077	22.5	17,122	0.4	N. C. State U
50,536	22.6	11,379	5.1	8,127	3.6	49,763	22.2	-	-	-	-	Vet. Med.
344,678	8.3	457,555	11.1	240,778	5.8	20,516	0.5	1,108,643	26.8	44,299	1.1	UNC Chap. Hill
63,848	3.9	46,419	2.8	470,488	28.6	61,908	3.8	430	0.1-	4,918	0.3	Health Af.
895,120	8.7	885,834	8.6	1,232,158	12.0	142,649	1.4	2,071,150	20.2	66,339	0.6	SUBTOTAL
<u>Other Doctoral Universities:</u>												
81,973	4.9	284,463	17.0	46,529	2.8	10,857	0.6	478,785	28.6	44,915	2.7	UNC Greensboro
<u>Comprehensive Universities:</u>												
158,902	8.6	303,877	16.5	91,125	4.9	11,973	0.6	622,491	33.7	8,405	0.5	Appalachian SU
149,086	7.9	181,583	9.7	55,296	2.9	-	-	724,723	38.6	2,689	0.1	E. Carolina U
31,000	7.6	9,358	2.3	15,994	3.9	35,279	8.7	-	-	-	-	Health Af.
173,639	12.9	154,196	11.5	43,090	3.2	4,702	0.3	349,126	26.0	11,743	0.9	N. C. A & T SU
59,884	6.6	108,406	11.9	27,989	3.1	2,978	0.3	258,057	28.4	12,666	1.4	N. C. Central U
102,730	7.9	186,397	14.4	23,734	1.8	6,779	0.5	410,207	31.6	-	-	UNC Charlotte
161,740	11.4	163,293	11.5	41,328	2.9	4,377	0.3	502,262	35.3	17,087	1.2	W'n Carolina U
836,981	9.2	1,107,110	12.2	298,556	3.3	66,088	0.7	2,866,866	31.5	52,590	0.6	SUBTOTAL
<u>Gen. Baccalaureate Universities:</u>												
62,019	12.6	72,319	14.7	14,000	2.8	4,862	1.0	146,211	29.7	15,411	3.1	Elizabeth C. SU
45,488	9.2	70,435	14.2	31,007	6.2	3,891	0.8	145,582	29.3	4,120	0.8	Fayetteville SU
63,611	14.5	68,003	15.5	17,048	3.9	2,432	0.6	110,653	25.2	7,166	1.6	Pembroke SU
34,321	9.7	53,856	15.2	18,627	5.3	787	0.2	75,598	21.4	11,191	3.2	UNC Asheville
105,050	15.9	63,037	9.5	18,642	2.8	771	0.1	196,926	29.8	8,021	1.2	UNC Wilmington
64,747	11.1	75,257	12.9	18,467	3.2	2,500	0.4	138,259	23.6	73,116	12.5	Winst.-Salem SU
375,236	12.4	402,907	13.3	117,791	3.9	15,243	0.5	813,229	26.9	119,025	3.9	SUBTOTAL
<u>Specialized Institution:</u>												
7,795	2.4	38,639	11.9	19,557	6.0	1,814	0.6	72,224	22.2	6,137	1.9	NC Sch. of Arts
<u>Teaching Hospital:</u>												
1,791	0.3	34,647	6.1	15,003	2.7	338,989	59.9	3,010	0.5	403	0.1	N. C. Mem. Hosp.
<u>Community Colleges & Tech. Inst./Col.:</u>												
354,497	4.9	646,963	9.0	661,117	9.2	2,835	0.1-	12,894	0.2	53,081	0.7	SUBTOTAL
PRIVATE INSTITUTIONS												
<u>Major Research Universities:</u>												
423,641	5.4	746,699	9.5	1,513,461	19.2	648,439	8.2	1,563,184	19.8	17,048	0.2	SUBTOTAL
<u>Gen. Baccalaureate Colleges:</u>												
1,054,035	10.5	1,806,234	18.0	329,661	3.3	53,428	0.5	3,616,332	36.1	104,762	1.0	SUBTOTAL
<u>Junior Colleges:</u>												
174,868	10.2	302,148	17.6	61,590	3.6	10,335	0.6	669,986	38.9	26,194	1.5	SUBTOTAL
4,205,937	8.1	6,255,644	12.1	4,295,423	8.3	1,290,677	2.5	12,167,660	23.5	490,494	0.9	GRAND TOTAL

Assignable Area by Room Codes

Table 15

INSTITUTION	Total Assignable Area	Classroom Facilities (100)		Laboratory Facilities (200)		Office Facilities (300)		Study Facilities (400)	
		ASF	%	ASF	%	ASF	%	ASF	%
<u>Community Colleges & Tech. Inst./Col.:</u>									
Anson TC	41,981	7,957	19.0	17,923	42.7	5,734	13.7	6,624	15.8
Asheville-Bun. TC	193,132	44,329	23.0	69,103	35.8	27,702	14.3	9,200	4.8
Beaufort Co. CC	92,163	20,878	22.7	31,345	34.0	13,925	15.1	7,726	8.4
Bladen TC	62,670	5,023	8.0	24,910	39.7	7,393	11.8	4,901	7.8
Blue Ridge TC	91,145	14,564	16.0	45,679	50.1	10,679	11.7	4,517	5.0
Brunswick TC	57,002	9,501	16.7	25,488	44.7	6,610	11.6	7,844	13.8
Caldwell CC & TI	123,346	15,942	12.9	41,599	33.7	19,585	15.9	13,069	10.6
Cape Fear TI	155,183	15,384	9.9	72,886	47.0	27,264	17.6	12,691	8.2
Carteret TC	111,720	16,212	14.5	32,401	29.0	9,796	8.8	6,367	5.7
Catawba Vy. TC	161,736	28,974	17.9	64,916	40.1	23,311	14.4	15,977	9.9
C. Carolina TC	94,085	15,510	16.5	42,148	44.8	15,437	16.4	8,120	8.6
C. Piedmont CC	742,975	82,371	11.1	155,668	21.0	75,094	10.1	36,983	5.0
Cleveland TC	118,340	22,759	19.2	45,981	38.9	18,737	15.8	13,183	11.1
Coastal Car. CC	147,011	22,863	15.6	64,095	43.6	20,341	13.8	15,624	10.6
Col. Albemarle	86,055	12,732	14.8	35,727	41.5	14,658	17.0	8,959	10.4
Craven CC	90,201	17,506	19.4	38,296	42.5	13,040	14.5	14,418	16.0
Davidson Co. CC	145,064	29,685	20.5	41,858	28.9	23,043	15.9	16,094	11.1
Durham TI	139,933	25,532	18.2	57,246	40.9	25,534	18.2	6,166	4.4
Edgecombe TC	87,714	21,433	24.4	31,799	36.3	14,077	16.0	6,105	7.0
Fayetteville TI	225,490	52,213	23.2	71,804	31.8	41,808	18.5	11,864	5.3
Forsyth TI	182,288	27,613	15.1	83,810	46.0	27,590	15.1	15,812	8.7
Gaston Col.	192,777	37,564	19.5	81,207	42.1	30,753	16.0	9,772	5.1
Guilford TCC	329,442	57,903	17.6	124,976	37.9	48,414	14.7	32,812	10.0
Halifax CC	62,465	10,909	17.5	26,162	41.9	8,446	13.5	8,196	13.1
Haywood TC	154,425	15,007	9.7	83,099	53.8	14,695	9.5	5,866	3.8
Isothermal CC	135,508	21,848	16.1	43,633	32.2	17,384	12.8	11,628	8.6
J. Sprunt TC	77,713	10,929	14.1	34,913	44.9	16,920	21.8	4,336	5.6
Johnston TC	104,826	22,430	21.4	49,581	47.3	12,219	11.7	4,880	4.7
Lenoir CC	144,464	27,873	19.3	44,026	30.5	19,622	13.6	16,493	11.4
Martin CC	107,130	15,634	14.6	44,033	41.1	12,685	11.8	13,448	12.6
Mayland TC	31,970	6,564	20.5	11,776	36.8	6,492	20.3	3,226	10.1
McDowell TC	51,167	11,495	22.5	22,564	44.1	8,008	15.7	4,962	9.7
Mitchell CC	132,208	24,871	18.8	41,715	31.6	20,112	15.2	14,223	10.8
Montgomery TC	43,242	5,370	12.4	21,119	48.8	6,464	14.9	3,016	7.0
Nash TC	74,244	18,373	24.7	28,504	38.4	10,738	14.5	3,533	4.8
Pamlico TC	28,725	4,841	16.9	11,183	38.9	4,164	14.5	3,916	13.6
Piedmont TC	84,176	11,171	13.3	27,449	32.6	12,274	14.6	6,684	7.9
Pitt CC	112,045	25,808	23.0	45,696	40.8	19,481	17.4	5,401	4.8
Randolph TC	120,438	12,227	10.2	51,635	42.9	18,740	15.6	12,034	10.0
Richmond TC	87,218	14,279	16.4	40,864	46.9	13,428	15.4	7,347	8.4
Roanoke-Choc. TC	66,705	12,978	19.5	24,558	36.8	10,325	15.5	6,099	9.1
Robeson TC	93,202	14,953	16.0	43,270	46.4	11,951	12.8	5,244	5.6
Rockingham CC	156,324	23,129	14.8	44,209	28.3	21,296	13.6	14,622	9.4
Rowan TC	135,334	28,294	20.9	45,131	33.3	17,366	12.8	15,798	11.7
Sampson TC	54,617	9,855	18.0	23,985	43.9	10,658	19.5	3,232	5.9
Sandhills CC	145,361	22,593	15.5	47,736	32.8	24,281	16.7	11,379	7.8
Southeastern CC	111,173	23,270	20.9	36,425	32.8	16,595	14.9	8,774	7.9
Southwestern TC	81,414	13,608	16.7	31,596	38.8	15,575	19.1	8,368	10.3
Stanly TC	60,534	18,469	30.5	16,018	26.5	10,576	17.5	3,684	6.1
Surry CC	123,282	19,602	15.9	39,655	32.2	13,899	11.3	11,261	9.1
TC Alamance	93,631	19,326	20.6	36,649	39.1	13,326	14.2	7,863	8.4
Tri-County CC	64,711	13,735	21.2	35,894	55.5	5,827	9.0	5,122	7.9
Vance-Granville CC	87,258	16,693	19.1	31,260	35.8	14,208	16.3	6,592	7.6
Wake TC	186,697	31,891	17.1	62,597	33.5	36,933	19.8	11,486	6.2
Wayne CC	132,881	28,364	21.3	58,626	44.1	24,031	18.1	6,664	5.0
W. Piedmont CC	95,398	13,459	14.1	28,811	30.2	16,794	17.6	10,442	10.9
Wilkes CC	148,433	21,639	14.6	33,538	22.6	17,445	11.8	9,588	6.5
Wilson Co. TI	110,620	15,501	14.0	53,899	48.7	16,247	14.7	5,530	5.0
TOTAL	7,170,992	1,211,436	16.9	2,622,674	36.6	1,039,730	14.5	565,765	7.9

Assignable Area by Room Codes

Table 15

Special Use Facilities (500)		General Use Facilities (600)		Supporting Facilities (700)		Health Care Facilities (800)		Residential Facilities (900)		Unclassified Facilities (000)		INSTITUTION
ASF	%	ASF	%	ASF	%	ASF	%	ASF	%	ASF	%	
Community Colleges & Tech. Inst./Col.												
240	0.6	2,436	5.8	1,067	2.5	-	-	-	-	-	-	Anson TC
14,651	7.6	8,642	4.5	18,198	9.4	-	-	-	-	1,307	0.7	Ashev'le-Bun. TC
940	1.0	12,676	13.8	2,873	3.1	-	-	-	-	1,800	2.0	Beaufort Co. CC
698	1.1	13,220	21.1	5,103	8.1	-	-	-	-	1,422	2.3	Bladen TC
4,492	4.9	4,686	5.1	6,528	7.2	-	-	-	-	-	-	Blue Ridge TC
-	-	2,009	3.5	1,342	2.4	-	-	-	-	4,208	7.4	Brunswick TC
4,833	3.9	21,699	17.6	6,619	5.4	-	-	-	-	-	-	Caldwell CC & TI
3,283	2.1	18,560	12.0	3,830	2.5	-	-	257	0.2	1,028	0.7	Cape Fear TI
1,275	1.1	22,002	19.7	19,528	17.5	-	-	-	-	-	-	Carteret TC
5,512	3.4	14,406	8.9	8,640	5.3	-	-	-	-	4,139	3.7	Catawba Vy. TC
3,474	3.7	7,482	8.0	1,758	1.9	156	0.2	-	-	-	-	C. Carolina TC
33,789	4.5	23,438	3.2	335,632	45.2	-	-	-	-	-	-	C. Piedmont CC
1,858	1.6	8,325	7.0	7,265	6.1	-	-	-	-	232	0.2	Cleveland TC
3,510	2.4	14,822	10.1	5,756	3.9	-	-	-	-	-	-	Coastal Car. CC
567	0.7	9,314	10.8	4,098	4.8	-	-	-	-	-	-	Col. Albemarle
1,797	2.0	4,250	4.7	894	1.0	-	-	-	-	-	-	Craven CC
14,670	10.1	12,621	8.7	6,977	4.8	116	0.1	-	-	-	-	Davidson Co. CC
2,212	1.6	8,129	5.8	8,435	6.0	-	-	-	-	6,679	4.8	Durham TI
2,002	2.3	8,970	10.2	2,222	2.5	1,106	1.3	-	-	-	-	Edgecombe TC
17,887	7.9	14,695	6.5	10,659	4.7	306	0.1	-	-	4,254	1.9	Fayettev'le TI
3,498	1.9	20,901	11.5	3,064	1.7	-	-	-	-	-	-	Forsyth TI
5,216	2.7	23,494	12.2	4,492	2.3	279	0.1	-	-	-	-	Gaston Col.
5,615	1.7	33,092	10.0	21,275	6.5	-	-	5,355	1.6	-	-	Guilford TCC
649	1.0	4,591	7.3	3,512	5.6	-	-	-	-	-	-	Halifax CC
25,317	16.4	7,018	4.5	3,190	2.1	-	-	233	0.2	-	-	Haywood TC
26,029	19.2	13,055	9.6	1,931	1.4	-	-	-	-	-	-	Isothermal CC
-	-	6,630	8.5	3,985	5.1	-	-	-	-	-	-	J. Sprunt TC
9,012	8.6	2,316	2.2	2,745	2.6	-	-	874	0.8	769	0.7	Johnston TC
20,053	13.9	9,511	6.6	6,886	4.8	-	-	-	-	-	-	Lenoir CC
2,622	2.4	12,202	11.4	6,506	6.1	-	-	-	-	-	-	Martin CC
1,204	3.8	2,401	7.5	307	1.0	-	-	-	-	-	-	Mayland TC
-	-	3,086	6.0	1,052	2.1	-	-	-	-	-	-	McDowell TC
5,749	4.3	18,596	14.1	4,688	3.5	-	-	-	-	2,254	1.7	Mitchell CC
1,538	3.6	4,463	10.3	1,272	2.9	-	-	-	-	-	-	Montgomery TC
-	-	2,744	3.7	4,050	5.5	-	-	-	-	6,302	8.5	Nash TC
465	1.6	2,114	7.4	2,042	7.1	-	-	-	-	-	-	Pamlico TC
9,822	11.7	13,149	15.6	3,627	4.3	-	-	-	-	-	-	Piedmont TC
5,459	4.9	5,275	4.7	2,545	2.3	-	-	-	-	2,380	2.1	Pitt CC
4,769	4.0	13,647	11.3	7,386	6.1	-	-	-	-	-	-	Randolph TC
390	0.4	8,638	9.9	2,172	2.5	100	0.1	-	-	-	-	Richmond TC
-	-	6,087	9.1	6,658	10.0	-	-	-	-	-	-	Roanoke-Cha. TC
155	0.2	6,444	6.9	3,965	4.3	-	-	-	-	7,220	7.7	Robeson TC
27,087	17.3	18,429	11.8	6,973	4.5	-	-	-	-	579	0.4	Rockingham CC
3,307	2.4	16,233	12.0	9,205	6.8	-	-	-	-	-	-	Rowan TC
1,140	2.1	2,289	4.2	1,304	2.4	-	-	-	-	2,154	3.9	Sampson TC
9,926	6.8	17,237	11.9	6,661	4.6	-	-	5,548	3.8	-	-	Sandhills CC
8,397	7.6	11,872	10.7	5,840	5.3	-	-	-	-	-	-	Southeastern CC
191	0.2	10,276	12.6	1,800	2.2	-	-	-	-	-	-	Southwestern TC
234	0.4	3,278	5.4	3,462	5.7	-	-	-	-	4,813	8.0	Stanly TC
18,098	14.7	15,700	12.7	5,067	4.1	-	-	-	-	-	-	Surry CC
4,548	4.9	8,462	9.0	2,830	3.0	-	-	627	0.7	-	-	TC Alamance
-	-	2,142	3.3	1,991	3.1	-	-	-	-	-	-	Tri-County CC
2,764	3.2	5,982	6.9	9,759	11.2	-	-	-	-	-	-	Vance-Granv'le CC
3,644	2.0	18,951	10.2	19,326	10.4	328	0.2	-	-	1,541	0.8	Wake TC
2,177	1.6	10,054	7.6	2,794	2.1	171	0.1	-	-	-	-	Wayne CC
4,306	4.5	14,054	14.7	7,478	7.8	54	0.1	-	-	-	-	W. Piedmont CC
20,917	14.1	34,171	23.0	11,135	7.5	-	-	-	-	-	-	Wilkes CC
2,509	2.3	5,997	5.4	10,718	9.7	219	0.2	-	-	-	-	Wilson Co. TI
354,497	4.9	646,963	9.0	661,117	9.2	2,835	0.1	12,894	0.2	53,081	0.7	TOTAL

TABLE 16:
ASSIGNABLE SQUARE FEET PER STUDENT STATION
FOR CLASSROOMS

The number of students that a classroom can accommodate is an important factor in determining how efficiently classroom space is used. This can be measured in terms of assignable square feet per student station and the average number of stations per classroom.

The assignable square feet per student station in a classroom is largely determined by the number and type of stations in the room. Generally, rooms with relatively large numbers of stations require less space per station. As for types of stations, tables and chairs require more space per station than standard student desks, which require more space than theater seating. Although the space required per station can vary from less than 10 assignable square feet to more than 30, a frequently cited norm is 16 square feet per station.

The Higher Education Facilities Planning and Management Manuals (page 62 of Manual Two) list norms which are based on the number and type of station:

Assignable Square Feet per Station Criteria

Number of Stations	ASF for Tables and Chairs	ASF for Armchair Desks Small	ASF for Armchair Desks Large
10 - 19	20 - 30	18	22
20 - 29	20 - 30	16	20
30 - 39	20 - 25	15	18
40 - 59	18 - 22	14	16
60 - 99	18 - 22	13	15
100 - 149	16 - 20	11	14
150 - 299	16 - 20	10	14
300 +	16 - 18	9	12

The average number of stations per classroom tends to vary according to the size and instructional philosophy of the institution. Graduate institutions and institutions which rely heavily on large lecture courses will generally have larger numbers of stations per classroom.

CLASSROOMS

BY CONTROL:

AVERAGE ROOM SIZE

University of North Carolina	751 sq. ft.
Private Institutions	662 sq. ft.
Community College System	620 sq. ft.

AVERAGE SQUARE FEET PER STATION

University of North Carolina	16 sq. ft./station
Private Institutions	16 sq. ft./station
Community College System	19 sq. ft./station

BY LEVEL:

AVERAGE ROOM SIZE

Major Research Universities	762 sq. ft.
Other Baccalaureate Granting Institutions	700 sq. ft.
Two-Year Institutions	623 sq. ft.

AVERAGE SQUARE FEET PER STATION

Major Research Universities	15 sq. ft./station
Other Baccalaureate Granting Institutions	16 sq. ft./station
Two-Year Institutions	19 sq. ft./station

Assignable Square Feet Per Student Station For Classrooms

Table 16

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1984	1983	1982	1981	1980
Major Research Universities:									
N. C. State U	264	14,192	54	206,737	15	15	15	15	14
Vet. Med.	6	436	73	7,318	17	16	-	-	-
UNC Chap. Hill	243	13,319	55	199,910	15	15	15	15	15
Health Af.	86	3,671	43	54,341	15	14	14	14	13
SUBTOTAL	599	31,618	53	468,306	15	15	15	15	14
Other Doctoral Universities:									
UNC Greensboro	172	7,683	45	135,869	18	18	16	16	16
Comprehensive Universities:									
Appalachian SU	167	7,141	43	136,616	19	19	19	19	19
E. Carolina U	188	8,915	47	146,922	16	16	16	16	16
Health Af.	45	1,974	44	32,595	17	17	14	14	14
N. C. A & T SU	167	6,871	41	113,167	16	17	17	16	16
N. C. Central U	139	5,912	43	97,041	16	16	16	16	16
UNC Charlotte	109	5,919	54	78,285	13	13	13	13	12
W'n Carolina U	118	4,831	41	91,118	19	20	20	19	19
SUBTOTAL	933	41,563	45	695,744	17	17	17	17	16
Gen. Baccalaureate Universities:									
Elizabeth C. SU	52	2,355	45	37,380	16	16	16	15	15
Fayetteville SU	57	2,283	40	37,745	17	16	17	17	17
Pembroke SU	72	2,926	41	47,019	16	16	16	17	16
UNC Asheville	46	1,845	40	30,638	17	17	15	16	16
UNC Wilmington	67	3,404	51	49,930	15	15	15	14	14
Winst.-Salem SU	79	3,889	49	63,002	16	16	16	16	15
SUBTOTAL	373	16,702	45	265,714	16	16	16	16	15

Assignable Square Feet Per Student Station For Classrooms

Table 16

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1984	1983	1982	1981	1980
<u>Specialized Institution:</u>									
NC Sch. of Arts	27	710	26	14,881	21	21	21	16	15
<u>Teaching Hospital:</u>									
N. C. Mem. Hosp.	-	-	-	-	-	-	-	-	-
<u>Community Colleges & Tech. Inst./Col.:</u>									
SUBTOTAL	1,904	62,017	33	1,180,517	19	19	19	19	19
PRIVATE INSTITUTIONS									
<u>Major Research Universities:</u>									
SUBTOTAL	327	16,209	50	237,483	15	15	15	15	14
<u>Gen. Baccalaureate Colleges:</u>									
SUBTOTAL	1,010	40,617	40	648,160	16	16	16	16	15
<u>Junior Colleges:</u>									
SUBTOTAL	167	6,173	37	109,941	18	18	18	18	17
GRAND TOTAL	5,512	223,292	41	3,756,615	17	17	17	17	16

Assignable Square Feet Per Student Station For Classrooms

Table 16

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stations Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1984	1983	1982	1981	1980
Community Colleges & Tech. Inst./Col.:									
Anson TC	12	367	31	7,957	22	21	21	21	21
Ashev'le-Bun. TC	69	1,991	29	41,695	21	21	21	21	21
Beaufort Co. CC	36	1,050	29	20,457	19	20	20	22	18
Bladen TC	11	210	19	4,579	22	23	23	25	24
Blue Ridge TC	24	702	29	14,354	20	23	23	25	24
Brunswick TC	16	381	24	9,195	24	28	28	26	22
Caldwell CC & TI	24	720	30	15,501	22	21	20	21	21
Cape Fear TI	24	548	23	15,384	28	28	27	28	28
Carteret TC	32	850	27	16,085	19	19	20	19	19
Catawba Vy. TC	46	1,282	28	28,282	22	23	23	23	24
C. Carolina TC	23	732	32	15,433	21	21	22	23	23
C. Piedmont CC	121	5,105	42	79,247	16	16	16	16	16
Cleveland TC	37	1,138	31	21,629	19	19	21	21	21
Coastal Car. CC	38	1,106	29	22,611	20	20	21	21	21
Col. Albemarle	23	850	37	12,732	15	15	15	15	14
Craven CC	33	994	30	17,386	17	18	17	17	18
Davidson Co. CC	45	1,681	37	28,037	17	16	16	16	16
Durham TI	38	1,269	33	24,632	19	20	22	21	21
Edgecombe TC	38	919	24	21,283	23	24	24	24	23
Fayettev'le TI	73	2,824	39	51,452	18	19	19	19	19
Forsyth TI	46	1,396	30	27,135	19	19	20	20	19
Gaston Col.	54	2,030	38	37,180	18	17	17	19	18
Guilford TCC	99	3,167	32	56,769	18	18	18	17	17
Halifax CC	18	538	30	10,880	20	20	20	20	21
Haywood TC	23	753	33	14,682	19	19	20	20	18
Isothermal CC	35	1,064	30	21,370	20	20	20	20	20
J. Sprunt TC	20	560	28	10,878	19	20	21	21	20
Johnston TC	32	1,134	35	21,467	19	19	21	22	21
Lenoir CC	52	1,452	28	27,414	19	19	19	19	19
Martin CC	21	680	32	15,532	23	24	24	24	25

**Assignable Square Feet Per Student Station
For Classrooms**

Table 16

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stations Per. Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1984	1983	1982	1981	1980
<u>Community Colleges & Tech. Inst./Col.:</u>									
Mayland TC	11	333	30	6,235	19	19	19	19	16
McDowell TC	14	455	33	10,295	23	22	22	23	23
Mitchell CC	41	1,259	31	24,714	20	20	17	17	17
Montgomery TC	9	179	20	5,195	29	28	28	28	28
Nash TC	25	803	32	17,044	21	19	20	20	20
Pamlico TC	10	199	20	4,841	24	23	23	23	23
Piedmont TC	20	492	25	10,840	22	22	21	22	17
Pitt CC	37	1,311	35	25,110	19	19	19	19	19
Randolph TC	23	479	21	12,227	26	26	25	26	24
Richmond TC	23	710	31	14,007	20	18	18	18	18
Roanoke-Cho. TC	24	551	23	12,498	23	23	24	25	24
Robeson TC	23	675	29	14,792	22	22	22	22	22
Rockingham CC	31	1,201	39	22,368	19	19	19	19	19
Rowan TC	41	1,602	39	27,550	17	17	17	17	16
Sampson TC	18	552	31	9,736	18	18	20	20	19
Sandhills CC	35	1,264	36	22,190	18	17	17	17	17
Southeastern CC	32	1,251	39	22,983	18	18	19	19	19
Southwestern TC	23	795	35	13,355	17	17	18	28	28
Stanly TC	23	839	36	17,071	20	20	20	18	22
Surry CC	28	842	30	19,161	23	23	23	24	24
TC Alamance	30	1,181	39	18,978	16	16	16	16	16
Tri-County CC	19	620	33	13,349	22	23	23	21	21
Vance-Granville CC	28	890	32	16,200	18	18	18	19	20
Wake TC	49	1,790	37	31,351	18	18	18	18	17
Wayne CC	48	1,609	34	27,390	17	17	17	17	17
W. Piedmont CC	20	773	39	13,236	17	18	18	18	17
Wilkes CC	32	1,072	34	21,108	20	20	20	20	18
Wilson Co. TI	24	797	33	15,455	19	19	19	21	20
TOTAL	1,904	62,017	33	1,180,517	19	19	19	19	19

TABLE 17:
ASSIGNABLE SQUARE FEET PER STUDENT STATION
FOR CLASS LABORATORIES

The square footage per student station in class laboratories varies to a greater extent than in classrooms because of the widely differing space requirements of the various kinds of laboratories. An automotive lab, for example, usually requires much more space per station than a chemistry lab. In general, institutions which offer academic programs in such areas as agriculture, engineering, or medicine, or in vocational/technical programs such as automotive mechanics, textiles, and welding require more class lab space per station than do institutions which focus on liberal arts, business, and education. Moreover, graduate level laboratories usually require more space per station than undergraduate labs.

The Higher Education Facilities Planning and Management Manuals (pages 127-133 of Volume II) provide ranges for various types of class laboratories. Data for selected labs are provided below:

<u>Discipline</u>	<u>Level</u>	<u>ASF</u>	<u>Discipline</u>	<u>ASF</u>
Soil Science	Upper	40-50	Business Tech	25-40
Architecture	Upper	50-60	Data Proc Tech	50-80
Biology	Lower	30-40	Health Svc Tech	25-50
Business	All	20-30	Drafting	50-60
Education	All	25-35	Automotive	100-150
Fine Arts	All	30-50	Welding	80-120
Letters	All	15-25	Natural Sc Tech	35-60
Mathematics	All	20-30	Public Svc Tech	25-35

CLASS LABORATORIES

BY CONTROL:

AVERAGE ROOM SIZE

University of North Carolina	996 sq. ft.
Private Institutions	864 sq. ft.
Community College System	1,264 sq. ft.

AVERAGE SQUARE FEET PER STUDENT STATION

University of North Carolina	41 sq. ft./station
Private Institutions	35 sq. ft./station
Community College System	53 sq. ft./station

BY LEVEL:

AVERAGE ROOM SIZE

Major Research Universities	1,075 sq. ft.
Other Baccalaureate Granting Institutions	913 sq. ft.
Two-Year Institutions	1,239 sq. ft.

AVERAGE SQUARE FEET PER STUDENT STATION

Major Research Universities	49 sq. ft./station
Other Baccalaureate Granting Institutions	36 sq. ft./station
Two-Year Institutions	52 sq. ft./station

**Assignable Square Feet Per Student Station
For Class Laboratories**

Table 17

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1984	1983	1982	1981	1980
<u>Major Research Universities:</u>									
N. C. State U	201	4,465	22	262,139	59	60	61	60	60
Vet. Med.	5	234	47	19,114	82	82	-	-	-
UNC Chap. Hill	75	2,083	28	83,715	40	41	40	40	39
Health Af.	74	1,747	24	64,435	37	36	37	38	37
SUBTOTAL	355	8,529	24	429,403	50	50	50	50	49
<u>Other Doctoral Universities:</u>									
UNC Greensboro	79	2,166	27	81,491	38	34	31	32	34
<u>Comprehensive Universities:</u>									
Appalachian SU	60	1,758	29	55,930	32	32	33	35	34
E. Carolina U	134	2,976	22	126,581	43	42	44	47	40
Health Af.	172	2,572	15	100,874	39	39	40	43	43
N. C. A & T SU	112	3,100	28	106,629	34	35	35	33	33
N. C. Central U	52	1,254	24	43,149	34	34	34	34	34
UNC Charlotte	67	1,887	28	73,747	39	39	40	40	41
W'n Carolina U	68	1,711	25	71,349	42	41	41	40	42
SUBTOTAL	665	15,258	23	578,259	38	38	38	39	38
<u>Gen. Baccalaureate Universities:</u>									
Elizabeth C. SU	47	1,187	25	42,749	36	36	37	38	37
Fayettev'le SU	34	1,200	35	31,058	26	27	28	28	26
Pembroke SU	24	731	30	19,573	27	27	27	28	27
UNC Asheville	19	431	23	17,761	41	41	38	40	39
UNC Wilmington	39	906	23	31,887	35	35	38	36	38
Winst.-Salem SU	21	574	27	18,168	32	32	30	31	31
SUBTOTAL	184	5,029	27	161,196	32	32	33	33	33

**Assignable Square Feet Per Student Station
For Class Laboratories**

Table 17

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stu/Sta Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1984	1983	1982	1981	1980
<u>Specialized Institution:</u>									
NC Sch. of Arts	46	1,270	28	72,770	57	62	63	45	45
<u>Teaching Hospital:</u>									
N. C. Mem. Hosp.	-	-	-	-	-	-	-	-	-
<u>Community Colleges & Tech. Inst./Col.:</u>									
SUBTOTAL	1,735	41,154	24	2,193,728	53	54	54	55	55
PRIVATE INSTITUTIONS									
<u>Major Research Universities:</u>									
SUBTOTAL	159	2,802	18	122,894	44	44	44	43	41
<u>Gen. Baccalaureate Colleges:</u>									
SUBTOTAL	469	12,897	27	423,427	33	33	33	32	32
<u>Junior Colleges:</u>									
SUBTOTAL	109	2,576	24	90,693	35	35	33	33	33
GRAND TOTAL	3,801	91,681	24	4,153,861	45	46	46	45	45

**Assignable Square Feet Per Student Station
For Class Laboratories**

Table 17

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stations Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1984	1983	1982	1981	1980
<u>Community Colleges & Tech. Inst./Col.:</u>									
Anson TC	15	303	20	17,230	57	57	57	66	69
Ashev'le-Bun. TC	39	882	23	59,409	67	66	66	66	63
Beaufort Co. CC	21	454	22	29,662	65	66	69	70	70
Bladen TC	21	352	17	23,691	67	71	73	73	56
Blue Ridge TC	21	542	26	41,809	77	68	68	64	63
Brunswick TC	18	343	19	19,825	58	65	43	42	21
Caldwell CC & TI	28	620	22	37,966	61	61	57	61	56
Cape Fear TI	40	823	21	57,057	69	69	68	69	66
Carteret TC	21	501	24	27,983	56	56	57	59	63
Catawba Vy. TC	39	1,034	27	56,876	55	57	57	59	56
C. Carolina TC	24	604	25	30,293	50	49	48	49	50
C. Piedmont CC	78	2,570	33	115,653	45	46	47	51	52
Cleveland TC	42	960	23	40,887	43	43	40	42	55
Coastal Car. CC	34	801	24	49,434	62	62	58	52	53
Col. Albemarle	26	672	26	31,816	47	47	46	46	43
Craven CC	27	716	27	31,271	44	47	48	40	42
Davidson Co. CC	29	728	25	34,766	48	46	47	48	49
Durham TI	38	866	23	47,969	55	54	56	58	58
Edgecombe TC	25	510	20	29,542	58	61	65	65	68
Fayettev'le TI	48	1,175	24	54,396	46	49	50	52	53
Forsyth TI	40	969	24	67,405	70	71	74	74	75
Gaston Col.	49	1,196	24	66,426	56	50	49	52	58
Guilford TCC	78	1,714	22	99,876	58	59	60	57	58
Halifax CC	20	477	24	22,118	46	46	47	48	50
Haywood TC	57	1,180	21	65,237	55	59	62	62	77
Isothermal CC	32	729	23	38,029	52	55	55	54	57
J. Sprunt TC	22	464	21	31,672	68	70	73	72	71
Johnston TC	31	693	22	41,576	60	60	51	44	45
Lenoir CC	41	894	22	39,002	44	44	44	46	46
Martin CC	21	647	31	36,673	57	53	53	53	51

**Assignable Square Feet Per Student Station
For Class Laboratories**

Table 17

INSTITUTION	No. of Rooms	No. of Student Stations	Average Stations Per Room	Total Assign. Sq. Ft.	Sq. Ft. Per Student Station				
					1984	1983	1982	1981	1980
<u>Community Colleges & Tech. Inst./Col.:</u>									
Mayland TC	10	265	27	10,310	39	40	40	42	38
McDowell TC	19	507	27	21,445	42	44	44	45	47
Mitchell CC	27	721	27	32,816	46	54	60	63	58
Montgomery TC	22	368	17	20,741	56	56	56	57	58
Nash TC	28	502	18	27,273	54	58	51	47	46
Pamlico TC	8	121	15	9,871	82	82	87	87	87
Piedmont TC	21	426	20	23,338	55	61	51	59	56
Pitt CC	30	794	26	39,101	49	51	55	55	61
Randolph TC	34	657	19	47,213	72	72	72	75	75
Richmond TC	22	503	23	33,932	67	67	67	67	62
Roanoke-Cho. TC	16	383	24	20,652	54	61	66	58	52
Robeson TC	32	757	24	39,397	52	53	53	53	55
Rockingham CC	26	633	24	39,566	63	60	59	61	67
Rowan TC	27	694	26	36,936	53	52	52	53	53
Sampson TC	17	422	25	20,999	50	51	59	50	50
Sandhills CC	34	937	28	39,035	42	42	40	42	42
Southeastern CC	31	771	25	31,851	41	41	41	43	43
Southwestern TC	33	780	24	29,028	37	37	38	48	47
Stanly TC	15	425	28	14,977	35	35	35	39	42
Surry CC	23	654	28	31,504	48	50	51	51	50
TC Alamance	27	693	26	27,537	40	40	40	39	40
Tri-County CC	20	383	19	31,588	82	80	80	87	85
Vance-Granville CC	27	668	25	27,166	41	41	42	45	50
Wake TC	44	813	18	50,242	62	61	66	68	69
Wayne CC	43	1,078	25	49,332	46	46	46	46	46
W. Piedmont CC	24	616	26	22,078	36	40	41	42	41
Wilkes CC	24	537	22	28,315	53	55	54	55	57
Wilson Co. TI	26	627	24	41,936	67	66	67	56	65
TOTAL	1,735	41,154	24	2,193,728	53	54	54	55	55



REPRODUCED FROM THE ORIGINAL

TABLE 18:
OWNERSHIP OF BUILDINGS

Many campus buildings are not owned by the institutions which use them. This table provides data on the ownership status of institutional facilities. The gross square footage of each institution has been classified under eight ownership categories:

- 1 Owned in fee simple.
- 2 Title vested in the institution and being paid for on an amortization schedule.
- 3 Title vested in a holding company or building corporation to which payments are being made by the institution and which will ultimately convey title to the institution. (Includes lease-purchase arrangement.)
- 4 Not owned by the institution, but leased or rented to the institution at a typical local rate.
- 5 Not owned by the institution, but made available to the institution either at no cost or at a nominal rate.
- 6 Not owned by the institution, but shared with an educational organization that is not a postsecondary institution.
- 7 Not owned by the institution, but shared with another postsecondary educational institution.
- 8 Other (e.g., not owned by the institution, but shared with a non-educational institution).

Ownership for institutions of The University of North Carolina represents ownership by the State of North Carolina. Ownership of community and technical colleges represents ownership by local trustees and reflects expenditures primarily from local fund sources which are supplemented by state and federal funds. Ownership of the private institutions resides with the institutions' trustees.

The sum of the percentages for each institution should in theory add to exactly 100.0, but in some cases they do not because of rounding.

Ownership of Buildings

Table 18

INSTITUTION	Owned		Institution Amortization		Holding Co. Amortization		Leased or Rented		Nominal Rate		* Total Gross Sq. Ft.
	Gross Sq. Ft.	%	Gross Sq. Ft.	%	Gross Sq. Ft.	%	Gross Sq. Ft.	%	Gross Sq. Ft.	%	
	1		2		3		4		5		
<u>Major Research Universities:</u>											
N. C. State U	4,451,039	70.1	1,894,535	29.9	-	-	-	-	-	-	6,345,574
Vet. Med.	372,607	100.0	-	-	-	-	-	-	-	-	372,607
UNC Chap. Hill	6,122,907	99.0	51,390	0.8	-	-	9,309	0.2	-	-	6,185,130
Health Af.	1,813,320	70.9	-	-	101,246	4.0	642,722	25.1	2,002	0.1	2,559,290
SUBTOTAL	12,759,873	82.5	1,945,925	12.6	101,246	0.7	652,031	4.2	2,002	0.1-	15,462,601
<u>Other Doctoral Universities:</u>											
UNC Greensboro	2,572,407	99.9	-	-	-	-	1,711	0.1	-	-	2,574,118
<u>Comprehensive Universities:</u>											
Appalachian SU	1,567,105	59.4	1,058,896	40.1	-	-	-	-	14,400	0.5	2,640,401
E. Carolina U	1,909,696	71.9	746,469	28.1	-	-	-	-	-	-	2,656,165
Health Af.	644,848	100.0	-	-	-	-	-	-	-	-	644,848
N. C. A & T SU	1,928,876	100.0	-	-	-	-	-	-	-	-	1,928,876
N. C. Central U	1,406,745	100.0	-	-	-	-	-	-	-	-	1,406,745
UNC Charlotte	1,181,360	60.8	760,925	39.2	-	-	-	-	-	-	1,942,285
W'n Carolina U	1,169,395	57.6	860,946	42.4	-	-	-	-	-	-	2,030,341
SUBTOTAL	9,808,025	74.0	3,427,236	25.9	-	-	-	-	14,400	0.1	13,249,661
<u>Gen. Baccalaureate Universities:</u>											
Elizabeth C. SU	551,188	80.2	135,876	19.8	-	-	-	-	-	-	687,064
Fayetteville SU	669,493	88.9	83,610	11.1	-	-	-	-	-	-	753,103
Pembroke SU	631,681	100.0	-	-	-	-	-	-	-	-	631,681
UNC Asheville	414,748	82.6	87,160	17.4	-	-	-	-	-	-	501,908
UNC Wilmington	607,827	61.0	389,271	39.0	-	-	-	-	-	-	997,098
Winst.-Salem SU	719,906	85.0	127,536	15.0	-	-	-	-	-	-	847,442
SUBTOTAL	3,594,843	81.4	823,453	18.6	-	-	-	-	-	-	4,418,296
<u>Specialized Institution:</u>											
NC Sch. of Arts	437,833	94.3	-	-	-	-	-	-	26,399	5.7	464,232
<u>Teaching Hospital:</u>											
N. C. Mem. Hosp.	890,707	90.1	-	-	-	-	30,009	3.0	-	-	988,736
<u>Community Colleges & Tech. Inst./Col.:</u>											
SUBTOTAL	9,235,924	95.2	756	0.1-	11,013	0.1	147,996	1.5	250,791	2.6	9,700,413
PRIVATE INSTITUTIONS											
<u>Major Research Universities:</u>											
SUBTOTAL	11,374,931	98.6	136,029	1.2	-	-	20,000	0.2	-	-	11,530,960
<u>Gen. Baccalaureate Colleges:</u>											
SUBTOTAL	12,545,599	88.5	1,427,159	10.1	126,552	0.9	49,370	0.3	25,940	0.2	14,174,620
<u>Junior Colleges:</u>											
SUBTOTAL	1,993,669	80.9	428,765	17.4	4,120	0.2	1,298	0.1	34,738	1.4	2,464,275
GRAND TOTAL	65,213,811	86.9	8,189,323	10.9	242,931	0.3	902,415	1.2	354,270	0.5	75,027,912

*Three categories of ownership are omitted from the table because of their limited applicability. The data are included in appropriate totals. Details on next page.

Ownership of Buildings

Table 18

INSTITUTION	Owned		Institution Amortization		Holding Co. Amortization		Leased or Rented		Nominal Rate		* Total Gross Sq. Ft.
	Gross Sq. Ft.	%	Gross Sq. Ft.	%	Gross Sq. Ft.	%	Gross Sq. Ft.	%	Gross Sq. Ft.	%	
	1		2		3		4		5		
<u>Community Colleges & Tech. Inst./Col.</u>											
Anson TC	29,950	52.4	-	-	-	-	-	-	27,221	47.6	57,171
Asheville-Bun. TC	274,749	100.0	-	-	-	-	-	-	-	-	274,749
Beaufort Co. CC	119,926	100.0	-	-	-	-	-	-	-	-	119,926
Bladen TC	82,142	100.0	-	-	-	-	-	-	-	-	82,142
Blue Ridge TC	112,652	94.0	-	-	-	-	-	-	7,150	6.0	119,802
Brunswick TC	63,185	90.5	-	-	-	-	-	-	6,667	9.5	69,852
Caldwell CC & TI	162,374	100.0	-	-	-	-	-	-	-	-	162,374
Cape Fear TI	200,548	93.1	-	-	-	-	-	-	14,840	6.9	215,388
Carteret TC	147,465	100.0	-	-	-	-	-	-	-	-	147,465
Catawba Vy. TC	211,260	97.9	-	-	-	-	-	-	4,600	2.1	215,860
C. Carolina TC	121,259	100.0	-	-	-	-	-	-	-	-	121,259
C. Piedmont CC	1,018,206	100.0	-	-	-	-	-	-	-	-	1,018,206
Cleveland TC	157,115	100.0	-	-	-	-	-	-	-	-	157,115
Coastal Car. CC	202,547	100.0	-	-	-	-	-	-	-	-	202,547
Col. Albemarle	121,780	100.0	-	-	-	-	-	-	-	-	121,780
Craven CC	105,923	84.4	-	-	-	-	19,535	15.6	-	-	125,458
Davidson Co. CC	208,596	100.0	-	-	-	-	-	-	-	-	208,596
Durham TI	162,526	90.8	-	-	-	-	16,530	9.2	-	-	179,056
Edgecombe TC	123,776	97.8	756	0.6	-	-	-	-	2,064	1.6	126,596
Fayetteville TI	309,852	100.0	-	-	-	-	-	-	-	-	309,852
Forsyth TI	194,452	80.4	-	-	-	-	-	-	-	-	241,937
Gaston Col.	276,234	100.0	-	-	-	-	-	-	-	-	276,234
Guilford TCC	417,928	92.1	-	-	-	-	35,893	7.9	-	-	453,821
Halifax CC	82,327	100.0	-	-	-	-	-	-	-	-	82,327
Haywood TC	177,463	90.1	-	-	-	-	-	-	19,512	9.9	196,975
Isothermal CC	168,098	96.3	-	-	-	-	-	-	-	-	174,546
J. Sprunt TC	102,259	98.8	-	-	-	-	-	-	1,200	1.2	103,459
Johnston TC	97,495	72.6	-	-	-	-	-	-	36,799	27.4	134,294
Lenoir CC	176,896	95.1	-	-	-	-	-	-	9,024	4.9	185,920
Martin CC	139,425	99.5	-	-	720	0.5	-	-	-	-	140,145
Mayland TC	48,859	98.5	-	-	-	-	-	-	720	1.5	49,579
McDowell TC	64,696	100.0	-	-	-	-	-	-	-	-	64,696
Mitchell CC	190,167	100.0	-	-	-	-	-	-	-	-	190,167
Montgomery TC	64,090	100.0	-	-	-	-	-	-	-	-	64,090
Nash TC	72,759	71.9	-	-	-	-	-	-	28,433	28.1	101,192
Pamlico TC	40,198	100.0	-	-	-	-	-	-	-	-	40,198
Piedmont TC	96,884	100.0	-	-	-	-	-	-	-	-	96,884
Pitt CC	123,037	83.7	-	-	-	-	21,974	14.9	2,040	1.4	147,051
Randolph TC	152,783	100.0	-	-	-	-	-	-	-	-	152,783
Richmond TC	110,444	97.6	-	-	-	-	-	-	2,680	2.4	113,124
Roanoke-Cho. TC	77,354	83.3	-	-	9,633	10.4	5,926	6.4	-	-	92,913
Robeson TC	61,111	69.5	-	-	-	-	-	-	35,640	30.5	116,751
Rockingham CC	211,521	100.0	-	-	-	-	-	-	-	-	211,521
Rowan TC	179,450	100.0	-	-	-	-	-	-	-	-	179,450
Sampson TC	61,166	81.9	-	-	-	-	1,440	1.9	12,055	16.1	74,661
Sandhills CC	196,344	99.4	-	-	-	-	-	-	1,280	0.6	197,624
Southeastern CC	145,189	97.0	-	-	-	-	4,548	3.0	-	-	149,737
Southwestern TC	104,565	100.0	-	-	-	-	-	-	-	-	104,565
Stanly TC	57,772	70.1	-	-	-	-	20,931	25.4	3,696	4.5	82,399
Surry CC	166,706	100.0	-	-	-	-	-	-	-	-	166,706
TC Alamance	143,485	100.0	-	-	-	-	-	-	-	-	143,485
Tri-County CC	79,482	100.0	-	-	-	-	-	-	-	-	79,482
Vance-Granville CC	130,779	93.4	-	-	-	-	9,170	6.6	-	-	139,949
Wake TC	222,974	86.4	-	-	-	-	-	-	35,170	13.6	258,144
Wayne CC	153,219	92.3	-	-	660	0.4	12,049	7.3	-	-	165,928
W. Piedmont CC	140,024	100.0	-	-	-	-	-	-	-	-	140,024
Wilkes CC	200,213	100.0	-	-	-	-	-	-	-	-	200,213
Wilson Co. TI	152,245	100.0	-	-	-	-	-	-	-	-	152,245
TOTAL	9,235,924	95.2	756	0.1-	11,013	0.1	147,996	1.5	250,791	2.6	9,700,413

Category 6: One Junior College 1,685 0.1%

Category 7: Forsyth Technical Institute 47,485 19.6% Memorial Hospital 68,020 6.9%

Category 8: Isothermal Community College 6,448 3.7% UNC at Chapel Hill 1,524 0.1-%

TABLES 19 & 20: CAPITAL INVESTMENT IN BUILDINGS

Building cost, as used here, refers to the institution's initial capital investment in a building. For a facility which is built by the institution, the building cost is the cost of construction of the structure and its fixed equipment. For buildings which are purchased, the acquisition cost is applicable.

The replacement value of a building, on the other hand, represents the estimated cost of constructing a new facility containing an equal amount of space which is designed for the same use as the original building and which meets all of the current commonly-accepted standards of construction. For institutional buildings which were in existence prior to 1972, the replacement value was first estimated as of 1972 using construction cost data. Since then, it has been increased each year using factors obtained annually from construction cost publications. For buildings constructed since 1972, the building cost is the base upon which these replacement value factors are applied.

From 1972-83, the replacement value factors were derived from building cost data reported for the Atlanta region in the Engineering News Record. Beginning in 1984, the Dodge Building Cost Indexes for U. S. and Canadian Cities, which is published by McGraw-Hill Cost Information Systems, was used to determine the replacement value factors. The factors calculated from the Dodge publication were derived by computing an average of the construction cost increases reported for Charlotte, Fayetteville, Greensboro, Raleigh, Wilmington, and Winston-Salem. For each city, a construction cost index was reported for March and September of each year since 1977. The following table summarizes selected data for these cities:

<u>City</u>	<u>Sept 1983</u>	<u>Sept 1984</u>	<u>% Change 1977-84</u>	<u>% Change 1983-84</u>
Charlotte	1558.5	1609.1	60.9	3.2
Fayetteville	1365.5	1409.3	40.9	3.2
Greensboro	1974.4	2054.5	105.5	4.1
Raleigh	1757.2	1810.7	81.1	3.0
Wilmington	1459.8	1488.7	48.9	2.0
Winston-Salem	1885.9	1948.4	94.8	3.3

In addition, the Dodge publication calculates indexes which enable construction cost comparisons to be made between cities. For

such comparisons, an index of 100 represents the average construction costs of the following twenty cities:

Atlanta	Cincinnati	Kansas City	Philadelphia
Baltimore	Cleveland	Los Angeles	Pittsburgh
Birmingham	Dallas	Minneapolis	St. Louis
Boston	Denver	New Orleans	San Francisco
Chicago	Detroit	New York	Seattle

If a city has an index that is less than 100, then its construction costs are generally lower than the average for the twenty cities; if it is greater than 100, the costs are greater than the average. The following list reports the Dodge comparison indexes for the six North Carolina cities as of September 1984:

Charlotte	80.6
Fayetteville	70.2
Greensboro	73.6
Raleigh	72.6
Wilmington	75.1
Winston-Salem	77.8

The following are the factors which have been used to increase the estimated replacement values each year. They reflect the increases in construction costs which have occurred since 1972.

<u>Year</u>	<u>Annual Increase</u>	<u>Year</u>	<u>Annual Increase</u>
1972	8.6%	1979	11.3%
1973	6.7%	1980	3.9%
1974	5.2%	1981	9.3%
1975	8.0%	1982	5.0%
1976	11.3%	1983	7.2%
1977	6.8%	1984	3.1%
1978	6.8%		

Because building cost represents an institution's capital investment in a facility, only buildings which are owned by an institution (i.e., those falling under ownership categories 1-3 on page 139) are included in calculating total cost. Replacement value, on the other hand, is a reflection of all buildings on an institution's campus, regardless of their ownership status.

The data are categorized as non-residential (Table 19) and residential (Table 20). Buildings with twenty percent or more of their space in each category are considered combination buildings and appear in both tables. The tables accurately reflect the number of buildings with non-residential space and the number with residential space, but the sum will exceed the total number of buildings on the campuses which have combination buildings. Other data are distributed between the two tables on the basis of the ratio of the assignable square feet in the category to the total assignable square feet in the building. Thus, campus totals may be determined accurately by summing the appropriate data in the two tables, with the exception noted.

Capital Investment, Non-Residential Buildings

Table 19

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
<u>Major Research Universities:</u>				
N. C. State U	98	\$ 86,066,040	\$ 286,158,703	4,699,524
Vet. Med.	12	23,846,176	28,617,821	372,607
UNC Chap. Hill	148	103,582,647	448,760,582	4,389,665
Health Af.	99	73,494,479	294,432,294	2,558,840
SUBTOTAL	357	286,989,342	1,057,969,400	12,020,636
<u>Other Doctoral Universities:</u>				
UNC Greensboro	46	38,834,915	105,082,728	1,727,104
<u>Comprehensive Universities:</u>				
Appalachian SU	52	47,137,300	113,460,243	1,679,917
E. Carolina U	56	32,788,047	95,823,729	1,601,287
Health Af.	16	38,517,647	49,492,152	644,848
N. C. A & T SU	78	34,064,889	86,090,259	1,400,980
N. C. Central U	41	24,620,555	60,417,135	939,478
UNC Charlotte	31	40,890,700	96,309,060	1,243,984
W'n Carolina U	38	29,711,546	81,546,872	1,281,775
SUBTOTAL	312	247,730,684	583,139,450	8,792,269
<u>Gen. Baccalaureate Universities:</u>				
Elizabeth C. SU	30	12,193,387	30,313,607	447,088
Fayettev'le SU	31	14,677,298	31,970,037	503,649
Pembroke SU	24	12,081,794	29,457,037	461,504
UNC Asheville	14	10,857,234	21,670,774	380,710
UNC Wilmington	29	21,604,436	48,944,817	712,577
Winst.-Salem SU	21	20,165,447	40,809,211	632,415
SUBTOTAL	149	91,579,596	203,165,483	3,137,943

**Capital Investment,
Non-Residential Buildings**

Table 19

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
<u>Specialized Institution:</u>				
NC Sch. of Arts	13	\$ 6,987,000	\$ 21,541,920	350,240
<u>Teaching Hospital:</u>				
N. C. Mem. Hosp.	22	42,305,804	124,495,546	988,736
<u>Community Colleges & Tech. Inst./Col.:</u>				
SUBTOTAL	731	236,057,631	556,383,892	9,687,888
PRIVATE INSTITUTIONS				
<u>Major Research Universities:</u>				
SUBTOTAL	241	344,724,336	736,168,526	9,211,141
<u>Gen. Baccalaureate Colleges:</u>				
SUBTOTAL	602	165,153,229	548,482,479	8,632,222
<u>Junior Colleges:</u>				
SUBTOTAL	105	24,158,051	84,068,744	1,404,662
GRAND TOTAL	2,578	\$1,484,520,588	\$4,020,498,168	55,952,841

Capital Investment, Non-Residential Buildings

Table 19

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
<u>Community Colleges & Tech. Inst./Col.:</u>				
Anson TC	9	\$ 1,150,000	\$ 3,455,216	57,171
Ashev'le-Bun. TC	17	6,603,779	16,258,756	274,749
Beaufort Co. CC	9	3,606,634	6,499,764	119,926
Bladen TC	12	1,835,119	4,433,827	82,142
Blue Ridge TC	10	3,148,436	6,708,697	119,802
Brunswick TC	19	1,176,355	2,889,151	69,852
Caldwell CC & TI	7	4,497,584	10,573,481	162,374
Cape Fear TI	6	5,138,014	15,800,950	215,388
Carteret TC	13	4,936,352	10,020,953	147,465
Catawba Vy. TC	14	5,764,052	14,401,142	215,860
C. Carolina TC	12	2,765,523	7,876,243	121,259
C. Piedmont CC	24	16,260,129	43,545,021	1,018,206
Cleveland TC	12	5,885,421	9,411,127	157,115
Coastal Car. CC	10	8,820,462	13,735,515	202,547
Col. Albemarle	7	4,120,940	6,675,957	121,780
Craven CC	9	3,316,684	7,135,984	125,458
Davidson Co. CC	9	5,722,765	12,294,511	208,596
Durham TI	11	3,571,311	9,295,020	179,056
Edgecombe TC	11	1,698,300	6,921,646	126,596
Fayettev'le TI	21	6,959,389	17,531,261	309,852
Forsyth TI	14	4,958,152	16,142,732	241,937
Gaston Col.	12	8,012,969	17,139,601	276,234
Guilford TCC	20	10,273,076	28,740,626	447,612
Halifax CC	9	2,229,714	3,715,112	82,327
Haywood TC	28	2,712,140	7,769,532	196,975
Isothermal CC	13	4,854,512	9,513,470	174,546
J. Sprunt TC	10	2,283,325	5,411,223	103,459
Johnston TC	11	3,240,650	7,616,195	133,323
Lenoir CC	11	4,445,691	10,656,650	185,920
Martin CC	8	2,740,000	6,736,446	140,145

**Capital Investment,
Non-Residential Buildings**

Table 19

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
<u>Community Colleges & Tech. Inst./Col.:</u>				
Mayland TC	4	\$ 2,213,150	\$ 3,403,601	49,579
McDowell TC	8	1,747,640	4,539,590	64,696
Mitchell CC	19	3,440,528	10,052,781	190,167
Montgomery TC	1	2,030,246	3,190,266	64,090
Nash TC	7	2,283,750	5,784,995	101,192
Pamlico TC	4	1,528,200	3,165,764	40,198
Piedmont TC	10	3,855,993	6,156,798	96,884
Pitt CC	27	2,415,173	8,415,958	147,051
Randolph TC	13	4,729,019	8,377,986	152,783
Richmond TC	9	2,238,500	6,773,678	113,124
Roanoke-Cho. TC	8	2,881,094	6,236,092	92,913
Robeson TC	24	2,342,000	7,476,230	116,751
Rockingham CC	10	5,089,427	12,416,717	211,521
Rowan TC	9	3,622,700	10,276,556	179,450
Sampson TC	11	1,721,770	4,163,872	74,661
Sandhills CC	22	3,973,228	10,306,856	192,279
Southeastern CC	12	3,169,000	8,411,476	149,737
Southwestern TC	6	2,763,960	5,416,415	104,565
Stanly TC	10	1,986,000	4,878,465	82,399
Surry CC	10	4,465,385	9,348,532	166,706
TC Alamance	5	5,611,915	11,766,363	143,485
Tri-County CC	15	1,938,825	4,390,912	79,482
Vance-Granville CC	7	5,323,000	10,156,780	139,949
Wake TC	22	6,546,007	14,613,132	258,144
Wayne CC	43	2,648,641	8,162,584	165,928
W. Piedmont CC	12	3,672,800	9,045,286	140,024
Wilkes CC	15	5,566,467	10,813,899	200,213
Wilson Co. TI	10	3,525,735	9,736,499	152,245
TOTAL	731	\$236,057,631	\$556,383,892	9,687,888

**Capital Investment,
Residential Buildings**

Table 20

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
<u>Major Research Universities:</u>				
N. C. State U	33	\$ 24,681,805	\$ 93,345,667	1,646,050
Vet. Med.	-	-	-	-
UNC Chap. Hill	42	20,069,940	151,353,201	1,795,465
Health Af.	1	3,000	31,724	450
SUBTOTAL	76	44,754,745	244,730,592	3,441,965
<u>Other Doctoral Universities:</u>				
UNC Greensboro	23	11,847,000	50,265,781	847,014
<u>Comprehensive Universities:</u>				
Appalachian SU	39	17,811,000	55,231,969	960,484
E. Carolina U	17	14,458,000	62,510,040	1,054,878
Health Af.	-	-	-	-
N. C. A & T SU	15	5,717,000	30,983,855	527,896
N. C. Central U	15	5,248,520	27,252,751	467,267
UNC Charlotte	9	17,604,223	39,481,712	698,301
W'n Carolina U	19	11,450,820	41,746,801	748,566
SUBTOTAL	114	72,289,563	257,207,128	4,457,392
<u>Gen. Baccalaureate Universities:</u>				
Elizabeth C. SU	25	3,941,204	13,537,069	239,976
Fayettev'le SU	9	3,638,000	14,555,691	249,454
Pembroke SU	7	2,633,000	9,914,948	170,177
UNC Asheville	10	4,182,363	6,921,675	121,198
UNC Wilmington	19	9,058,884	17,326,077	284,521
Winst.-Salem SU	8	3,603,000	12,478,931	215,027
SUBTOTAL	78	27,056,451	74,734,391	1,280,353

Capital Investment, Residential Buildings

Table 20

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
<u>Specialized Institution:</u>				
NC Sch. of Arts	9	\$ 2,512,000	\$ 6,784,653	113,992
<u>Teaching Hospital:</u>				
N. C. Mem. Hosp.	-	-	-	-
<u>Community Colleges & Tech. Inst./Col.:</u>				
SUBTOTAL	4	154,932	818,220	12,525
PRIVATE INSTITUTIONS				
<u>Major Research Universities:</u>				
SUBTOTAL	118	38,185,809	130,929,391	2,319,819
<u>Gen. Baccalaureate Colleges:</u>				
SUBTOTAL	508	82,960,943	321,687,291	5,542,398
<u>Junior Colleges:</u>				
SUBTOTAL	110	13,437,800	65,236,973	1,059,613
GRAND TOTAL	1,040	\$293,199,243	\$1,152,394,420	19,075,071

Capital Investment, Residential Buildings

Table 20

INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
<u>Community Colleges & Tech. Inst./Col.:</u>				
Anson TC	-	\$ -	\$ -	-
Ashev'le-Bun. TC	-	-	-	-
Beaufort Co. CC	-	-	-	-
Bladen TC	-	-	-	-
Blue Ridge TC	-	-	-	-
Brunswick TC	-	-	-	-
Caldwell CC & TI	-	-	-	-
Cape Fear TI	-	-	-	-
Carteret TC	-	-	-	-
Catawba Vy. TC	-	-	-	-
C. Carolina TC	-	-	-	-
C. Piedmont CC	-	-	-	-
Cleveland TC	-	-	-	-
Coastal Car. CC	-	-	-	-
Col. Albemarle	-	-	-	-
Craven CC	-	-	-	-
Davidson Co. CC	-	-	-	-
Durham TI	-	-	-	-
Edgecombe TC	-	-	-	-
Fayettev'le TI	-	-	-	-
Forsyth TI	-	-	-	-
Gaston Col.	-	-	-	-
Guilford TCC	2	102,932	351,124	6,209
Halifax CC	-	-	-	-
Haywood TC	-	-	-	-
Isothermal CC	-	-	-	-
J. Sprunt TC	-	-	-	-
Johnston TC	1	-	48,784	971
Lenoir CC	-	-	-	-
Martin CC	-	-	-	-

Capital Investment, Residential Buildings

Table 20

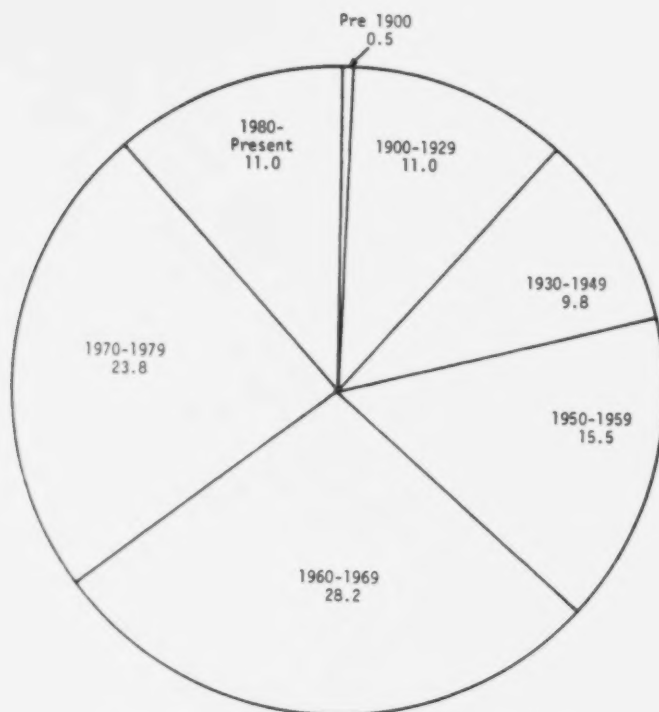
INSTITUTION	No. of Bldgs.	Building Cost	Replacement Value	Gross Sq. Ft. On Campus
<u>Community Colleges & Tech. Inst./Col.:</u>				
Mayland TC	-	-	-	-
McDowell TC	-	-	-	-
Mitchell CC	-	-	-	-
Montgomery TC	-	-	-	-
Nash TC	-	-	-	-
Pamlico TC	-	-	-	-
Piedmont TC	-	-	-	-
Pitt CC	-	-	-	-
Randolph TC	-	-	-	-
Richmond TC	-	-	-	-
Roanoke-Cho. TC	-	-	-	-
Robeson TC	-	-	-	-
Rockingham CC	-	-	-	-
Rowan TC	-	-	-	-
Sampson TC	-	-	-	-
Sandhills CC	1	52,000	418,312	5,345
Southeastern CC	-	-	-	-
Southwestern TC	-	-	-	-
Stanly TC	-	-	-	-
Surry CC	-	-	-	-
TC Alamance	-	-	-	-
Tri-County CC	-	-	-	-
Vance-Granville CC	-	-	-	-
Wake TC	-	-	-	-
Wayne CC	-	-	-	-
W. Piedmont CC	-	-	-	-
Wilkes CC	-	-	-	-
Wilson Co. TI	-	-	-	-
TOTAL	4	\$154,932	\$818,220	12,525

TABLE 21:
AGE OF BUILDINGS BY GROSS SQUARE FEET

This table reports the total gross square footage of North Carolina colleges and universities by year of construction categories. For purposes of this study, the year of construction is defined as the year that the building was completed regardless of any later year of occupancy.

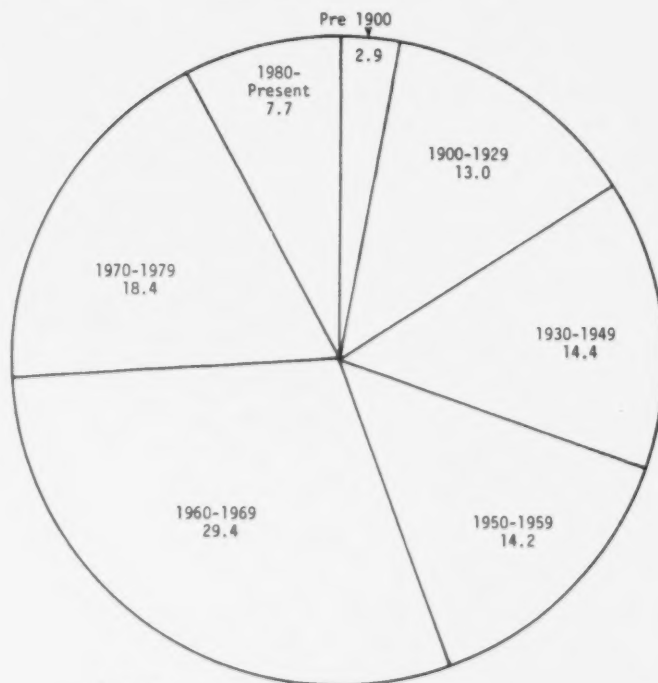
Although this table gives some indication of how new an institution's facilities are, it does not take into account renovations. The data in this table should, therefore, be considered in conjunction with Table 22 (Condition of Buildings) and Table 23 (Estimated Cost to Renovate or Replace Unsatisfactory Facilities).

AGE OF BUILDINGS BY GROSS SQUARE FEET



The University of North Carolina

ALL PUBLIC BACCALAUREATE-GRANTING INSTITUTIONS
AND N.C. MEMORIAL HOSPITAL

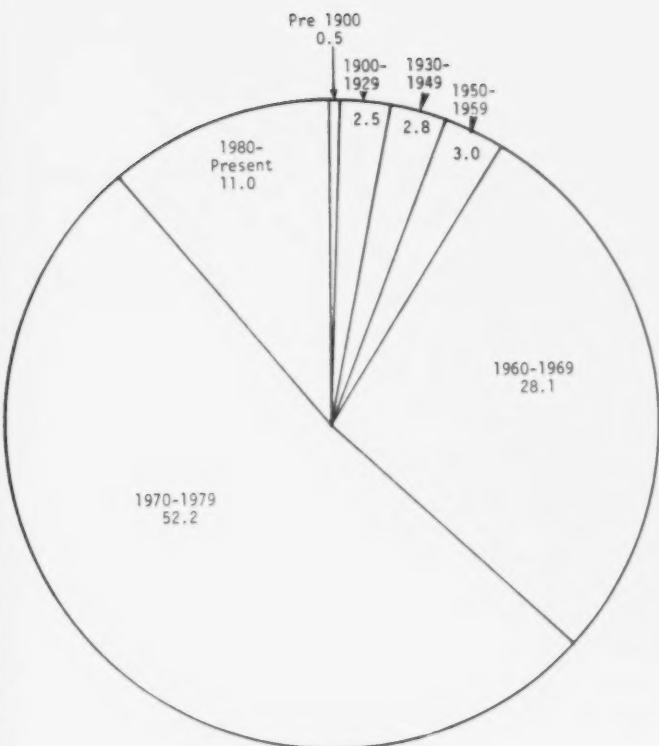


Private Institutions

156

153

Community Colleges and Technical Institutes



Age of Buildings by Gross Square Feet

Table 21

INSTITUTION	Total Square Feet	Pre-1900	1900-1929	1930-1949	1950-1959	1960-1969	1970-1979	1980-Present
<u>Major Research Universities:</u>								
N. C. State U	6,345,574	44,407	836,039	1,012,013	1,440,187	1,523,185	1,159,940	329,803
Vet. Med.	372,607	-	-	28,559	3,979	1,242	-	338,827
UNC Chap. Hill	6,185,130	123,808	1,530,498	822,870	551,760	1,855,031	538,769	762,394
Health Af.	2,559,290	-	1,200	152,827	278,218	575,342	1,460,766	90,937
SUBTOTAL	15,462,601	168,215	2,367,737	2,016,269	2,274,144	3,954,800	3,159,475	1,521,961
<u>Other Doctoral Universities:</u>								
UNC Greensboro	2,574,118	31,100	771,679	236,688	387,483	480,899	610,444	55,825
<u>Comprehensive Universities:</u>								
Appalachian SU	2,640,401	-	82,577	223,881	380,942	1,070,582	635,857	246,562
E. Carolina U	2,656,165	-	358,735	158,759	487,633	1,141,047	500,391	9,600
Health Af.	644,848	-	-	11,744	-	31,788	100,481	500,835
N. C. A & T SU	1,928,876	-	101,482	142,375	793,536	334,286	293,784	263,413
N. C. Central U	1,406,745	-	36,379	225,213	469,874	332,330	174,475	168,474
UNC Charlotte	1,942,285	-	-	-	-	569,503	1,026,471	346,311
W'n Carolina U	2,030,341	-	57,682	182,379	329,748	705,751	575,861	178,920
SUBTOTAL	13,249,661	-	636,855	944,351	2,461,733	4,185,287	3,307,320	1,714,115
<u>Gen. Baccalaureate Universities:</u>								
Elizabeth C. SU	687,064	-	90,871	57,955	108,957	159,125	148,883	121,273
Fayetteville SU	753,103	-	31,659	132,008	70,410	210,110	175,211	133,705
Pembroke SU	631,681	-	-	34,109	33,483	251,171	312,213	705
UNC Asheville	501,908	-	6,029	-	-	299,360	96,283	100,236
UNC Wilmington	997,098	-	-	12,250	-	300,719	494,312	189,817
Winst.-Salem SU	847,442	-	97,672	73,914	59,750	258,213	277,422	80,471
SUBTOTAL	4,418,296	-	226,231	310,236	272,600	1,478,698	1,504,324	626,207
<u>Specialized Institution:</u>								
NC Sch. of Arts	464,232	-	89,486	91,714	26,382	149,021	107,629	-
<u>Teaching Hospital:</u>								
N. C. Mem. Hosp.	988,736	-	-	54,203	346,332	244,238	160,408	183,555
<u>Community Colleges & Tech. Inst./Col.:</u>								
SUBTOTAL	9,700,413	43,679	241,756	271,637	289,346	2,728,014	5,060,632	1,065,349
PRIVATE INSTITUTIONS								
<u>Major Research Universities:</u>								
SUBTOTAL	11,530,960	35,728	1,416,721	2,181,124	1,716,545	1,840,313	2,694,912	1,445,617
<u>Gen. Baccalaureate Colleges:</u>								
SUBTOTAL	14,174,620	556,417	1,992,041	1,667,436	1,920,994	5,530,840	1,918,307	588,585
<u>Junior Colleges:</u>								
SUBTOTAL	2,464,275	213,989	260,928	194,629	373,049	914,972	373,689	133,019
GRAND TOTAL	75,027,912	1,049,128	8,003,434	7,968,287	10,068,608	21,507,082	19,097,140	7,334,233

Age of Buildings by Gross Square Feet

Table 21

INSTITUTION	Total Square Feet	Pre-1900	1900-1929	1930-1949	1950-1959	1960-1969	1970-1979	1980-Present
<u>Community Colleges & Tech. Inst./Col.</u>								
Anson TC	57,171	-	-	21,638	-	-	30,495	5,038
Asheville-Bun. TC	274,749	9,981	-	-	21,142	115,709	77,589	50,328
Beaufort Co. CC	119,926	-	-	-	-	-	88,045	31,881
Bladen TC	82,142	-	-	-	-	-	69,822	12,320
Blue Ridge TC	119,802	-	-	7,150	-	-	90,815	21,837
Brunswick TC	69,852	-	-	13,813	-	24,003	7,837	24,199
Caldwell CC & TI	162,374	-	-	-	-	60,471	82,109	19,794
Cape Fear TI	215,388	-	-	16,999	-	45,540	152,849	-
Carteret TC	147,465	-	-	18,000	9,017	27,840	54,249	38,359
Catawba Vy. TC	215,860	-	-	1,650	4,600	74,471	120,835	14,304
C. Carolina TC	121,259	-	-	-	-	77,082	30,942	13,235
C. Piedmont CC	1,018,206	-	106,968	42,802	62,835	203,939	601,662	-
Cleveland TC	157,115	-	7,856	-	-	1,875	47,089	100,295
Coastal Car. CC	202,547	-	-	-	-	-	167,676	34,871
Col. Albemarle	121,780	-	-	5,268	-	-	50,869	65,643
Craven CC	125,458	-	-	-	-	3,669	83,385	38,404
Davidson Co. CC	208,596	-	-	-	-	85,340	99,766	23,490
Durham TI	179,056	-	-	-	-	77,534	50,082	51,440
Edgecombe TC	126,596	-	56,178	-	8,052	-	62,366	-
Fayetteville TI	309,852	-	-	-	-	155,381	136,610	17,861
Forsyth TI	241,937	-	-	-	-	174,698	63,131	4,108
Gaston Col.	276,234	-	-	-	-	141,440	103,831	30,963
Guilford TCC	453,821	1,931	-	46,465	70,806	113,219	187,143	34,257
Halifax CC	82,327	-	-	-	-	-	81,599	728
Haywood TC	196,975	-	-	12,392	-	30,072	142,722	11,789
Isothermal CC	174,546	-	6,448	-	-	57,962	110,136	-
J. Sprunt TC	103,459	-	-	-	-	24,245	76,630	2,584
Johnston TC	134,294	-	971	-	28,700	-	80,666	23,957
Lenoir CC	185,920	-	-	-	10,622	41,534	125,118	8,646
Martin CC	140,145	-	-	-	-	-	111,825	8,320
Mayland TC	49,579	-	-	-	-	-	1,079	12,500
McDowell TC	64,696	-	-	-	-	18,904	42,848	2,944
Mitchell CC	190,167	31,767	30,351	24,717	-	32,819	70,513	-
Montgomery TC	64,090	-	-	-	-	-	64,090	-
Nash TC	101,192	-	-	24,233	-	-	76,959	-
Pamlico TC	40,198	-	-	-	-	-	40,198	-
Piedmont TC	96,884	-	-	-	-	-	83,288	13,596
Pitt CC	147,051	-	-	4,760	-	87,185	49,700	5,406
Randolph TC	152,783	-	-	-	-	44,387	61,239	47,157
Richmond TC	113,124	-	-	-	2,680	56,560	36,585	17,299
Roanoke-Cho. TC	92,913	-	-	-	-	13,366	54,378	25,169
Robeson TC	116,751	-	3,855	11,750	7,955	10,298	79,893	3,000
Rockingham CC	211,521	-	-	-	-	148,238	63,283	-
Rowan TC	179,450	-	-	-	-	82,925	96,525	-
Sampson TC	74,661	-	-	-	-	2,381	54,025	18,255
Sandhills CC	197,624	-	-	-	-	124,248	63,157	10,219
Southeastern CC	149,737	-	-	-	-	77,323	66,014	6,400
Southwestern TC	104,565	-	-	-	-	-	75,826	28,739
Stanly TC	82,399	-	3,400	-	-	17,531	44,245	17,223
Surry CC	166,706	-	-	-	-	66,452	100,254	-
TC Alamance	143,485	-	25,729	-	600	-	117,156	-
Tri-County CC	79,482	-	-	18,334	-	9,720	18,240	33,188
Vance-Granville CC	139,949	-	-	-	-	-	136,949	3,000
Wake TC	258,144	-	-	-	-	98,886	111,423	47,835
Wayne CC	165,928	-	-	1,666	36,417	62,104	65,741	-
W. Piedmont CC	140,024	-	-	-	-	72,716	54,469	12,839
Wilkes CC	200,213	-	-	-	-	98,598	57,322	44,293
Wilson Co. TI	152,245	-	-	-	25,920	67,349	31,340	27,636
TOTAL	9,700,413	43,679	241,756	271,637	289,346	2,728,014	5,060,632	1,065,349

TABLE 22:
CONDITION OF BUILDINGS

The condition of campus buildings has been a matter of increasing concern to college and university administrators. As institutional budgets tightened during the 1970's, many institutions attempted to economize by deferring the maintenance of facilities. As a result, some colleges and universities now have buildings which are in such poor condition that they can no longer satisfactorily support the programs for which they were intended. Increasing costs of new construction have made proper maintenance of campus physical plants even more important.

The data in Table 22 are based on the assessment of building conditions by the facilities project officers at the institutions. Although few of them are architects or engineers, they generally have (or have access to) sufficient information about the condition of their institutions' facilities to be able to accurately assign a condition code to each campus building. These codes are defined on the following page.

The sum of the percentages for each institution should in theory add to exactly 100.0, but in some cases they do not because of rounding.

BUILDING CONDITION

1. Definition. The physical status and quality of the building at the time of the inventory, based on the best judgment of those responsible for campus development.

2. Description. This building characteristic has the following categories:

1 - Satisfactory

Suitable for continued use with normal maintenance.

2 - Remodeling A

Requires restoration to present acceptable standards without major room use changes, alterations, or modernizations. The approximate cost of "Remodeling A" is not greater than 25% of the estimated replacement cost of the building.

3 - Remodeling B

Requires major updating and/or modernization of the building. The approximate cost of "Remodeling B" is greater than 25%, but not greater than 50% of the estimated replacement cost of the building.

4 - Remodeling C

Requires major remodeling of the building. The approximate cost of "Remodeling C" is greater than 50% of the replacement cost of the building.

5 - Demolition

Should be demolished or abandoned because the building is unsafe or structurally unsound, irrespective of the need for the space or the availability of funds for a replacement. If a building is scheduled for demolition, its condition is recorded as "demolition," regardless of true condition.

6 - Termination

Planned termination or relinquishment of occupancy of the building for reasons other than unsafeness or structural unsoundness, such as abandonment of temporary units or vacation of leased space. If a building is scheduled for termination, its condition is recorded as "termination," regardless of true condition.

Condition of Buildings

Table 22

INSTITUTION	Satisfactory		Remodeling A		Remodeling B		Remodeling C		Demolition		Termination		Total Gross Square Feet
	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	
<u>Major Research Universities:</u>													
N. C. State U	4,227,742	66.6	800,222	12.6	645,599	10.2	570,087	9.0	101,924	1.6	-	-	6,345,574
Vet. Med.	372,607	100.0	-	-	-	-	-	-	-	-	-	-	372,607
UNC Chap. Hill	2,886,577	46.7	2,268,333	36.7	458,289	7.4	455,233	7.4	90,401	1.5	26,297	0.4	6,185,130
Health Af.	1,825,167	71.3	207,671	8.1	203,717	8.0	166,655	6.5	17,996	0.7	138,084	5.4	2,559,290
SUBTOTAL	9,312,093	60.2	3,276,226	21.2	1,307,605	8.5	1,191,975	7.7	210,321	1.4	164,381	1.1	15,462,601
<u>Other Doctoral Universities:</u>													
UNC Greensboro	389,896	15.1	1,041,373	40.5	838,277	32.6	304,572	11.8	-	-	-	-	2,574,118
<u>Comprehensive Universities:</u>													
Appalachian SU	2,582,683	97.8	56,162	2.1	1,556	0.1	-	-	-	-	-	-	2,640,401
E. Carolina U	2,364,191	89.0	-	-	168,964	6.4	107,998	4.1	13,572	0.5	1,440	0.1	2,656,165
Health Af.	639,852	99.2	-	-	-	-	-	-	-	-	4,996	0.8	644,848
N. C. A & T SU	644,681	33.4	913,748	47.4	264,192	13.7	94,030	4.9	12,225	0.6	-	-	1,928,876
N. C. Central U	1,224,986	87.1	176,876	12.6	4,379	0.3	-	-	504	0.1	-	-	1,406,745
UNC Charlotte	1,942,285	100.0	-	-	-	-	-	-	-	-	-	-	1,942,285
W'n Carolina U	1,612,232	79.4	342,193	16.9	56,163	2.8	19,753	1.0	-	-	-	-	2,030,341
SUBTOTAL	11,010,910	83.1	1,488,979	11.2	495,254	3.7	221,781	1.7	26,301	0.2	6,436	0.1	13,249,661
<u>Gen. Baccalaureate Universities:</u>													
Elizabeth C. SU	278,506	40.5	309,761	45.1	98,212	14.3	585	0.1	-	-	-	-	687,064
Fayetteville SU	729,402	96.9	2,800	0.4	-	-	20,901	2.8	-	-	-	-	753,103
Pembroke SU	631,681	100.0	-	-	-	-	-	-	-	-	-	-	631,681
UNC Asheville	445,483	88.8	56,425	11.2	-	-	-	-	-	-	-	-	501,908
UNC Wilmington	984,222	98.7	-	-	12,876	1.3	-	-	-	-	-	-	997,098
Winst.-Salem SU	395,290	46.6	297,594	35.1	154,558	18.2	-	-	-	-	-	-	847,442
SUBTOTAL	3,464,584	70.4	666,580	15.1	265,646	6.0	21,486	0.5	-	-	-	-	4,418,296
<u>Specialized Institution:</u>													
NC Sch. of Arts	258,264	55.6	163,516	35.2	27,882	6.0	14,570	3.1	-	-	-	-	464,232
<u>Teaching Hospital:</u>													
N. C. Mem. Hosp.	988,736	100.0	-	-	-	-	-	-	-	-	-	-	988,736
<u>Community Colleges & Tech. Inst./Col.:</u>													
SUBTOTAL	9,160,810	94.4	209,133	2.2	95,469	1.0	59,672	0.6	12,905	0.1	162,424	1.7	9,700,413
PRIVATE INSTITUTIONS													
<u>Major Research Universities:</u>													
SUBTOTAL	11,412,129	99.0	48,012	0.4	57,384	0.5	4,753	0.1	8,682	0.1	-	-	11,530,960
<u>Gen. Baccalaureate Colleges:</u>													
SUBTOTAL	13,109,403	92.5	774,248	5.5	219,711	1.6	26,912	0.2	36,704	0.3	7,642	0.1	14,174,620
<u>Junior Colleges:</u>													
SUBTOTAL	2,448,956	99.4	6,650	0.3	5,140	0.2	-	-	3,529	0.1	-	-	2,464,275
GRAND TOTAL	61,555,781	82.0	7,674,717	10.2	3,312,368	4.4	1,845,721	2.5	298,442	0.4	340,883	0.5	75,027,912

Condition of Buildings

Table 22

INSTITUTION	Satisfactory		Remodeling A		Remodeling B		Remodeling C		Demolition		Termination		Total Gross Square Feet
	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	
Community Colleges & Tech. Inst./Col.													
Anson TC	5,038	8.8	29,258	51.2	15,350	26.8	5,388	9.4	2,137	3.7	-	-	57,171
Asheville-Bun. TC	216,035	78.6	50,917	18.5	7,797	2.8	-	-	-	-	-	-	274,749
Beaufort Co. CC	119,926	100.0	-	-	-	-	-	-	-	-	-	-	119,926
Bladen TC	77,701	94.6	3,841	4.7	600	0.7	-	-	-	-	-	-	82,142
Blue Ridge TC	119,802	100.0	-	-	-	-	-	-	-	-	-	-	119,802
Brunswick TC	57,714	82.6	-	-	2,675	3.8	9,463	13.5	-	-	-	-	69,852
Caldwell CC & TI	162,374	100.0	-	-	-	-	-	-	-	-	-	-	162,374
Cape Fear TI	215,388	100.0	-	-	-	-	-	-	-	-	-	-	215,388
Carteret TC	90,736	61.5	47,176	32.0	6,000	4.1	1,681	1.1	-	-	1,872	1.3	147,465
Catawba Vy. TC	215,860	100.0	-	-	-	-	-	-	-	-	-	-	215,860
C. Carolina TC	107,679	88.8	-	-	-	-	13,580	11.2	-	-	-	-	121,259
C. Piedmont CC	1,015,270	99.7	2,936	0.3	-	-	-	-	-	-	-	-	1,018,206
Cleveland TC	149,259	95.0	-	-	7,856	5.0	-	-	-	-	-	-	157,115
Coastal Car. CC	202,547	100.0	-	-	-	-	-	-	-	-	-	-	202,547
Col. Albemarle	116,512	95.7	-	-	-	-	5,268	4.3	-	-	-	-	121,780
Craven CC	105,923	84.4	-	-	-	-	-	-	-	-	19,535	15.6	125,458
Davidson Co. CC	208,596	100.0	-	-	-	-	-	-	-	-	-	-	208,596
Durham TI	162,526	90.8	16,530	9.2	-	-	-	-	-	-	-	-	179,056
Edgecombe TC	122,127	96.5	4,469	3.5	-	-	-	-	-	-	-	-	126,596
Fayetteville TI	302,652	97.7	7,200	2.3	-	-	-	-	-	-	-	-	309,852
Forsyth TI	241,937	100.0	-	-	-	-	-	-	-	-	-	-	241,937
Gaston Col.	276,234	100.0	-	-	-	-	-	-	-	-	-	-	276,234
Guilford TCC	439,249	96.8	-	-	-	-	14,572	3.2	-	-	-	-	453,821
Halifax CC	82,327	100.0	-	-	-	-	-	-	-	-	-	-	82,327
Haywood TC	174,083	88.4	18,792	9.5	4,100	2.1	-	-	-	-	-	-	196,975
Isothermal CC	174,546	100.0	-	-	-	-	-	-	-	-	-	-	174,546
J. Sprunt TC	100,915	97.5	-	-	-	-	600	0.6	-	-	1,944	1.9	103,459
Johnston TC	133,323	99.3	-	-	-	-	-	-	971	0.7	-	-	134,294
Lenoir CC	185,920	100.0	-	-	-	-	-	-	-	-	-	-	185,920
Martin CC	140,145	100.0	-	-	-	-	-	-	-	-	-	-	140,145
Mayland TC	49,579	100.0	-	-	-	-	-	-	-	-	-	-	49,579
McDowell TC	64,696	100.0	-	-	-	-	-	-	-	-	-	-	64,696
Mitchell CC	182,710	96.1	4,483	2.4	2,974	1.6	-	-	-	-	-	-	190,167
Montgomery TC	64,090	100.0	-	-	-	-	-	-	-	-	-	-	64,090
Nash TC	76,959	76.1	-	-	24,233	23.9	-	-	-	-	-	-	101,192
Pamlico TC	40,198	100.0	-	-	-	-	-	-	-	-	-	-	40,198
Piedmont TC	96,884	100.0	-	-	-	-	-	-	-	-	-	-	96,884
Pitt CC	125,035	85.0	-	-	-	-	-	-	-	-	22,016	15.0	147,051
Randolph TC	152,783	100.0	-	-	-	-	-	-	-	-	-	-	152,783
Richmond TC	113,124	100.0	-	-	-	-	-	-	-	-	-	-	113,124
Roanoke-Cho. TC	76,719	82.6	6,000	6.5	561	0.6	-	-	-	-	9,633	10.4	92,913
Robeson TC	93,191	79.8	-	-	-	-	-	-	-	-	23,560	20.2	116,751
Rockingham CC	211,521	100.0	-	-	-	-	-	-	-	-	-	-	211,521
Rowan TC	179,450	100.0	-	-	-	-	-	-	-	-	-	-	179,450
Sampson TC	73,941	99.0	-	-	-	-	-	-	720	1.0	-	-	74,661
Sandhills CC	197,624	100.0	-	-	-	-	-	-	-	-	-	-	197,624
Southeastern CC	149,737	100.0	-	-	-	-	-	-	-	-	-	-	149,737
Southwestern TC	104,565	100.0	-	-	-	-	-	-	-	-	-	-	104,565
Stanly TC	64,868	78.7	17,531	21.3	-	-	-	-	-	-	-	-	82,399
Surry CC	166,706	100.0	-	-	-	-	-	-	-	-	-	-	166,706
TC Alamance	143,485	100.0	-	-	-	-	-	-	-	-	-	-	143,485
Tri-County CC	62,957	79.2	-	-	6,541	8.2	9,120	11.5	864	1.1	-	-	79,482
Vance-Granville CC	139,949	100.0	-	-	-	-	-	-	-	-	-	-	139,949
Wake TC	258,144	100.0	-	-	-	-	-	-	-	-	-	-	258,144
Wayne CC	65,282	39.3	-	-	16,782	10.1	-	-	-	-	83,864	50.5	165,928
W. Piedmont CC	140,024	100.0	-	-	-	-	-	-	-	-	-	-	140,024
Wilkes CC	200,213	100.0	-	-	-	-	-	-	-	-	-	-	200,213
Wilson Co. TI	144,032	94.6	-	-	-	-	-	-	8,213	5.4	-	-	152,245
TOTAL	9,160,810	94.4	209,133	2.2	95,469	1.0	59,672	0.6	12,905	0.1	162,424	1.7	9,700,413

TABLE 23:
ESTIMATED COST TO RENOVATE OR REPLACE
UNSATISFACTORY FACILITIES

The common practice of deferring standard maintenance of college and university facilities has forced many institutions to face the prospect of extensive renovations and the total replacement of some buildings. On a national level, the cost of bringing buildings to a satisfactory condition and replacing inadequate facilities has been frequently estimated at \$50 billion.

Table 23 estimates the costs of bringing all campus buildings to a satisfactory condition by renovating unsatisfactory facilities and replacing buildings which are designated for demolition due to their unsafe condition or which will be vacated by institutions for any other reason. It does not estimate the cost of new construction required by any inadequacies in the amount of space.

These estimates were calculated by taking the estimated replacement value of each unsatisfactory building and multiplying it by the appropriate "cost midpoint" based on the condition of the building. (See Table 19 for a discussion of estimated replacement values and Table 22 for definitions of condition codes.)

The cost midpoints used in generating the estimates for Table 23 are as follows:

<u>Condition</u>	<u>Cost Midpoint</u>
Remodeling A	20%
Remodeling B	37.5%
Remodeling C	75%
Demolition	100%
Termination	100%

Thus, for example, if a building in remodeling A condition has an estimated replacement value of \$1,000,000, the cost to bring it to satisfactory condition would be estimated to be \$200,000.

**Estimated Cost to Renovate or Replace
Unsatisfactory Facilities**

Table 23

Estimated Cost of Restoring Facilities to Satisfactory Condition					
INSTITUTION	1984	1983	1982	1981	1980
<u>Major Research Universities:</u>					
N. C. State U	\$ 55,613,716	\$ 53,941,528	\$ 50,318,591	\$ 47,922,466	\$ 48,361,750
Vet. Med.	-	-	-	-	-
UNC Chap. Hill	109,395,230	106,331,348	99,189,690	94,522,862	53,678,900
Health Af.	48,255,397	47,870,510	44,235,141	41,823,345	20,101,800
SUBTOTAL	213,264,343	208,143,386	193,743,422	184,268,673	122,142,450
<u>Other Doctoral Universities:</u>					
UNC Greensboro	44,877,740	44,185,648	1,666,860	1,587,485	1,656,760
<u>Comprehensive Universities:</u>					
Appalachian SU	578,623	2,461,578	2,164,633	2,111,897	3,366,000
E. Carolina U	9,737,735	9,444,942	8,810,580	8,354,575	7,791,650
Health Af.	140,052	135,841	148,745	394,897	888,900
N. C. A & T SU	21,122,643	20,487,531	19,111,503	18,201,430	18,228,500
N. C. Central U	2,294,621	2,225,627	3,449,877	4,671,882	4,650,700
UNC Charlotte	-	-	-	-	-
W'n Carolina U	6,532,775	6,336,349	4,753,774	5,095,501	5,434,300
SUBTOTAL	40,406,449	41,091,868	38,439,112	38,830,182	40,360,050
<u>Gen. Baccalaureate Universities:</u>					
Elizabeth C. SU	6,500,389	6,285,792	6,220,296	5,902,325	5,425,950
Fayetteville SU	939,612	911,360	822,423	783,260	744,000
Pembroke SU	-	-	-	-	-
UNC Asheville	664,843	644,852	601,541	572,896	564,250
UNC Wilmington	341,076	340,063	539,235	513,558	350,000
Winst.-Salem SU	7,272,910	5,963,197	5,786,520	5,662,872	7,135,300
SUBTOTAL	15,718,830	14,145,264	13,970,015	13,434,911	14,219,500

**Estimated Cost to Renovate or Replace
Unsatisfactory Facilities**

Table 23

INSTITUTION	Estimated Cost of Restoring Facilities to Satisfactory Condition				
	1984	1983	1982	1981	1980
<u>Specialized Institution:</u>					
NC Sch. of Arts	\$ 3,197,848	\$ 3,931,268	\$ 3,667,229	\$ 2,097,428	\$ 1,924,100
<u>Teaching Hospital:</u>					
N. C. Mem. Hosp.	-	-	-	-	-
<u>Community Colleges & Tech. Inst./Col.:</u>					
SUBTOTAL	14,469,943	14,017,705	10,561,932	12,185,894	17,062,300
PRIVATE INSTITUTIONS					
<u>Major Research Universities:</u>					
SUBTOTAL	8,211,067	8,123,506	22,279,529	21,183,933	44,536,350
<u>Gen. Baccalaureate Colleges:</u>					
SUBTOTAL	17,635,679	16,175,620	17,032,416	16,363,158	16,774,350
<u>Junior Colleges:</u>					
SUBTOTAL	335,482	573,360	230,972	219,973	520,800
GRAND TOTAL	\$358,117,381	\$350,387,625	\$301,591,487	\$290,171,637	\$259,196,660

**Estimated Cost to Renovate or Replace
Unsatisfactory Facilities**

Table 23

INSTITUTION	Estimated Cost of Restoring Facilities to Satisfactory Condition				
	1984	1983	1982	1981	1980
<u>Community Colleges & Tech. Inst./Col.:</u>					
Anson TC	\$ 1,055,267	\$ -	\$ -	\$ 371,721	\$ 361,800
Asheville-Bun. TC	787,549	763,869	712,564	678,632	759,400
Beaufort Co. CC	-	-	-	-	-
Bladen TC	8,378	8,126	11,160	10,628	60,900
Blue Ridge TC	-	-	-	-	-
Brunswick TC	357,570	276,859	258,264	205,751	-
Caldwell CC & TI	-	-	-	-	-
Cape Fear TI	-	-	-	-	-
Carteret TC	765,223	742,213	252,466	543,095	506,000
Catawba Vy. TC	-	-	-	-	-
C. Carolina TC	623,486	-	-	-	-
C. Piedmont CC	31,234	30,295	28,260	26,914	29,350
Cleveland TC	158,750	153,977	143,635	136,795	315,750
Coastal Car. CC	-	-	-	-	-
Col. Albemarle	254,861	247,198	230,594	219,614	2,500,750
Craven CC	902,276	755,297	704,568	173,152	175,000
Davidson Co. CC	-	2,016,888	-	-	-
Durham TI	153,723	-	379,830	361,743	318,000
Edgecombe TC	19,894	19,296	-	-	-
Fayetteville TI	61,088	-	-	-	112,500
Forsyth TI	-	-	-	-	-
Gaston Col.	-	-	-	-	26,250
Guilford TCC	148,262	143,804	134,146	325,007	145,700
Halifax CC	-	-	-	-	-
Haywood TC	282,452	273,959	227,137	216,320	-
Isothermal CC	-	-	-	-	-
J. Sprunt TC	40,306	39,093	36,469	34,732	119,700
Johnston TC	48,784	47,317	44,139	42,037	48,550
Lenoir CC	-	-	-	-	-
Martin CC	-	-	-	-	-

**Estimated Cost to Renovate or Replace
Unsatisfactory Facilities**

Table 23

INSTITUTION	Estimated Cost of Restoring Facilities to Satisfactory Condition				
	1984	1983	1982	1981	1980
<u>Community Colleges</u> <u>& Tech. Inst./Col.:</u>					
Mayland TC	\$ -	\$ -	\$ -	\$ -	\$ 686,400
McDowell TC	-	-	-	-	-
Mitchell CC	102,593	99,507	92,824	88,404	186,600
Montgomery TC	-	-	-	-	-
Nash TC	570,673	553,514	-	-	-
Pamlico TC	-	-	-	-	-
Piedmont TC	-	-	-	-	-
Pitt CC	1,027,287	996,398	915,866	1,165,755	873,400
Randolph TC	-	-	-	-	-
Richmond TC	-	-	-	-	-
Roanoke-Cho. TC	564,678	540,098	503,823	445,230	155,250
Robeson TC	1,418,243	1,375,600	1,283,209	1,222,104	1,178,000
Rockingham CC	-	-	-	-	-
Rowan TC	-	-	-	-	-
Sampson TC	10,364	10,052	9,377	8,930	36,000
Sandhills CC	-	-	-	-	-
Southeastern CC	-	-	-	-	-
Southwestern TC	-	-	-	-	-
Stanly TC	177,180	171,853	160,310	152,676	-
Surry CC	-	-	-	-	-
TC Alamance	-	-	-	-	-
Tri-County CC	498,759	483,762	451,269	465,458	529,500
Vance-Granville CC	-	-	-	-	-
Wake TC	-	-	-	-	-
Wayne CC	3,912,301	3,794,664	3,539,796	4,869,028	6,280,200
W. Piedmont CC	-	-	-	-	1,246,650
Wilkes CC	-	-	-	-	-
Wilson Co. TI	488,762	474,066	442,226	421,168	410,650
TOTAL	\$14,469,943	\$14,017,705	\$10,561,932	\$12,185,894	\$17,062,300



ACCESSIBILITY OF FACILITIES TO THE MOBILITY IMPAIRED

TABLE 24:
ACCESSIBLE AREA AS A
PERCENTAGE OF ASSIGNABLE

The Rehabilitation Act of 1973 focused national attention on the rights of handicapped persons. Section 504 of the Act states that "no otherwise qualified handicapped individual in the United States . . . shall, solely by reason of his handicap, be excluded from the participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance."

One of the groups protected by Section 504 is the people who are confined to wheelchairs or whose mobility is otherwise impaired. Although Section 504 does not require that colleges and universities make all of their facilities barrier-free, it does require that the institutions' programs be made accessible to the handicapped. Although program accessibility can be partially achieved through changes other than facilities modifications, the amount of assignable space which is accessible to the mobility impaired is a factor which must be carefully considered in making programs accessible.

The National Center for Education Statistics conducted a survey in 1978 to determine the impact of Section 504 on colleges and universities. One of the findings of the survey was that about 76% of the assignable area on college and university campuses would need to be made accessible in order to comply with the program accessibility requirement of Section 504. The survey also found, however, that this percentage varied greatly among different institutions.

For purposes of this study, assignable space is considered to be accessible if a person in a wheelchair can, without assistance, reach that space from immediately outside the building in which the space is located.

**Accessible Area As a
Percentage of Assignable**

Table 24

INSTITUTION	Total Assignable Sq. Ft.	Total Accessible Sq. Ft.	Percent Accessible				
			1984	1983	1982	1981	1980
<u>Major Research Universities:</u>							
N. C. State U	4,270,379	2,422,654	56.7	57.2	58.0	55.5	54.4
Vet. Med.	223,663	195,216	87.3	86.3	-	-	-
UNC Chap. Hill	4,134,641	2,301,791	55.7	54.9	54.2	54.1	52.7
Health Af.	1,645,706	1,349,941	82.0	81.3	81.8	81.7	81.1
SUBTOTAL	10,274,389	6,269,602	61.0	60.9	60.4	59.3	58.2
<u>Other Doctoral Universities:</u>							
UNC Greensboro	1,675,612	905,847	54.1	54.0	50.4	50.2	51.6
<u>Comprehensive Universities:</u>							
Appalachian SU	1,845,976	937,360	50.8	45.1	43.3	43.1	41.9
E. Carolina U	1,877,746	818,675	43.6	43.6	46.1	45.3	43.6
Health Af.	406,772	382,241	94.0	93.8	88.4	88.0	78.1
N. C. A & T SU	1,343,564	606,736	45.2	45.3	35.2	24.4	15.5
N. C. Central U	908,692	302,204	33.3	31.9	31.7	26.5	26.5
UNC Charlotte	1,297,756	1,074,492	82.8	82.6	81.9	70.1	68.6
W'n Carolina U	1,423,120	907,274	63.8	63.7	63.4	60.7	60.4
SUBTOTAL	9,103,626	5,028,982	55.2	53.9	51.1	46.3	43.8
<u>Gen. Baccalaureate Universities:</u>							
Elizabeth C. SU	492,751	276,697	56.2	56.2	55.5	51.6	49.5
Fayettev'le SU	497,024	202,589	40.8	38.2	37.9	33.4	22.3
Pembroke SU	438,238	236,920	54.1	54.1	54.1	54.1	39.7
UNC Asheville	353,177	251,031	71.1	71.0	71.1	65.7	65.4
UNC Wilmington	661,697	335,450	50.7	50.7	54.6	52.9	53.8
Winst.-Salem SU	584,877	244,540	41.8	42.8	40.2	39.5	39.5
SUBTOTAL	3,027,764	1,547,227	51.1	51.1	51.5	48.4	44.1

**Accessible Area As a
Percentage of Assignable**

Table 24

INSTITUTION	Total Assignable Sq. Ft.	Total Accessible Sq. Ft.	Percent Accessible				
			1984	1983	1982	1981	1980
<u>Specialized Institution:</u>							
NC Sch. of Arts	325,483	203,649	62.6	52.3	52.3	44.8	39.1
<u>Teaching Hospital:</u>							
N. C. Mem. Hosp.	566,044	510,540	90.2	89.9	90.1	93.4	78.9
<u>Community Colleges & Tech. Inst./Col.:</u>							
SUBTOTAL	7,170,992	6,479,268	90.4	90.2	89.6	89.2	88.2
PRIVATE INSTITUTIONS							
<u>Major Research Universities:</u>							
SUBTOTAL	7,876,358	4,469,592	56.7	55.9	55.0	45.2	42.6
<u>Gen. Baccalaureate Colleges:</u>							
SUBTOTAL	10,015,628	3,512,835	35.1	32.9	32.4	31.3	29.7
<u>Junior Colleges:</u>							
SUBTOTAL	1,720,185	751,585	43.7	42.1	41.2	40.1	39.1
GRAND TOTAL	51,756,081	29,679,127	57.3	56.3	55.3	52.2	50.1

**Accessible Area As a
Percentage of Assignable**

Table 24

INSTITUTION	Total Assignable Sq. Ft.	Total Accessible Sq. Ft.	Percent Accessible				
			1984	1983	1982	1981	1980
<u>Community Colleges & Tech. Inst./Col.:</u>							
Anson TC	41,981	36,702	87.4	87.4	87.4	86.0	86.0
Ashev'le-Bun. TC	193,132	140,973	73.0	72.2	72.2	68.9	67.3
Beaufort Co. CC	92,163	82,679	89.7	82.7	82.2	82.2	89.8
Bladen TC	62,670	60,201	96.1	87.1	86.3	86.4	83.3
Blue Ridge TC	91,145	85,851	94.2	94.2	94.2	93.0	93.4
Brunswick TC	57,002	41,237	72.3	69.8	83.5	82.0	72.0
Caldwell CC & TI	123,346	113,275	91.8	91.8	91.8	90.7	90.7
Cape Fear TI	155,183	142,056	91.5	91.4	92.8	92.8	91.7
Carteret TC	111,720	105,762	94.7	93.0	93.0	89.2	93.0
Catawba Vy. TC	161,736	116,523	72.0	71.3	71.3	71.3	72.1
C. Carolina TC	94,085	91,439	97.2	97.2	97.2	97.2	97.2
C. Piedmont CC	742,975	709,421	95.5	95.5	95.5	95.5	95.5
Cleveland TC	118,340	113,077	95.6	95.8	95.8	95.8	84.9
Coastal Car. CC	147,011	147,011	100.0	100.0	100.0	100.0	100.0
Col. Albemarle	86,055	85,955	99.9	95.8	95.8	95.8	74.7
Craven CC	90,201	89,633	99.4	99.6	99.5	99.5	99.3
Davidson Co. CC	145,064	144,612	99.7	99.8	99.8	99.8	99.8
Durham TI	139,933	123,480	88.2	98.4	75.1	74.8	74.8
Edgecombe TC	87,714	67,100	76.5	76.0	73.8	73.8	73.9
Fayettev'le TI	225,490	203,150	90.1	89.6	89.7	89.8	87.2
Forsyth TI	182,288	176,521	96.8	97.0	97.0	97.0	97.4
Gaston Col.	192,777	179,433	93.1	93.3	92.9	88.1	86.9
Guilford TCC	329,442	213,381	64.8	61.9	60.0	63.5	59.6
Halifax CC	62,465	59,844	95.8	94.7	94.7	86.4	86.4
Haywood TC	154,425	135,872	88.0	87.8	87.2	87.3	89.0
Isothermal CC	135,508	110,541	81.6	81.5	81.5	81.5	81.8
J. Sprunt TC	77,713	69,988	90.1	90.1	89.7	91.8	91.8
Johnston TC	104,826	102,843	98.1	98.0	97.6	97.6	97.6
Lenoir CC	144,464	140,382	97.2	99.0	99.0	99.0	99.0
Martin CC	107,130	104,643	97.7	97.5	97.5	97.5	97.5

**Accessible Area As a
Percentage of Assignable**

Table 24

INSTITUTION	Total Assignable Sq. Ft.	Total Accessible Sq. Ft.	Percent Accessible				
			1984	1983	1982	1981	1980
<u>Community Colleges & Tech. Inst./Col.:</u>							
Mayland TC	31,970	31,356	98.1	100.0	100.0	100.0	90.0
McDowell TC	51,167	45,360	88.7	88.7	88.5	87.9	88.1
Mitchell CC	132,208	103,125	78.0	76.0	76.0	75.0	75.1
Montgomery TC	43,242	42,966	99.4	95.3	95.3	94.6	92.8
Nash TC	74,244	63,500	85.5	85.4	85.4	83.6	84.5
Pamlico TC	28,725	27,496	95.7	95.7	95.7	95.7	95.7
Piedmont TC	84,176	81,905	97.3	97.3	96.8	98.1	98.1
Pitt CC	112,045	99,257	88.6	88.6	88.4	93.0	94.4
Randolph TC	120,438	120,438	100.0	100.0	100.0	100.0	100.0
Richmond TC	87,218	76,532	87.7	83.6	83.9	83.8	83.0
Roanoke-Cho. TC	66,705	58,112	87.1	91.4	91.4	90.2	86.4
Robeson TC	93,202	88,904	95.4	95.2	95.2	95.2	95.2
Rockingham CC	156,324	146,076	93.4	93.4	87.3	87.3	87.3
Rowan TC	135,334	131,762	97.4	97.4	97.4	97.4	97.4
Sampson TC	54,617	50,960	93.3	93.4	92.2	76.1	76.2
Sandhills CC	145,361	133,291	91.7	91.7	91.2	90.3	90.3
Southeastern CC	111,173	87,480	78.7	78.7	78.8	77.2	77.2
Southwestern TC	81,414	78,439	96.3	96.3	95.8	94.8	94.7
Stanly TC	60,534	51,853	85.7	84.8	84.8	94.7	99.9
Surry CC	123,282	114,616	93.0	92.8	92.8	92.8	92.8
TC Alamance	93,631	92,799	99.1	99.1	99.1	99.2	99.2
Tri-County CC	64,711	61,832	95.6	95.5	95.5	95.5	95.5
Vance-Granville CC	87,258	76,117	87.2	87.2	90.3	99.1	99.1
Wake TC	186,697	159,580	85.5	84.2	84.0	78.2	63.8
Wayne CC	132,881	121,096	91.1	91.1	90.9	90.9	90.9
W. Piedmont CC	95,398	87,792	92.0	94.5	94.5	94.4	94.9
Wilkes CC	148,433	144,153	97.1	97.9	97.9	97.9	97.3
Wilson Co. TI	110,620	108,886	98.4	98.4	98.4	89.6	89.6
TOTAL	7,170,992	6,479,268	90.4	90.2	89.6	89.2	88.2

TABLE 25:
ACCESSIBLE AREA
BY SUMMARY PROGRAMS AND SUBPROGRAMS

The requirement that all colleges and universities make their programs accessible to handicapped persons makes careful planning on the part of campus administrators especially important. Although program accessibility does not require that a campus be barrier-free, the concepts of program accessibility and facilities accessibility are inherently interrelated. Campus administrators must therefore analyze their campus facilities in terms of accessibility, focusing particularly on the kinds of space which are accessible.

Table 25 and Tables 25a-25d indicate for each program and subprogram the percentage of assignable space which is accessible to the mobility impaired. A dash indicates that a particular institution has no assignable space under the indicated program or subprogram. A "0.0" indicates that the institution has assignable space under the program or subprogram but that none of it is accessible. Definitions of the programs and subprograms listed in these tables can be found in the narratives preceding Tables 14-14d. Subprogram 03 (Building Service) is not included in Table 25d (and is not considered as part of Program 00 in Table 25) because it applies to nonassignable area only.

It is not possible to develop standards to indicate how much accessible space in each program and subprogram is needed to achieve program accessibility. The figures would vary from institution to institution based on the kinds of programmatic changes that had been implemented to assist handicapped persons. For example, the financial aid program at a college or university would be considered accessible if a handicapped student had the same access to the financial aid and related counseling which the institution offered to other students. This could be accomplished without making the space occupied by the financial aid office accessible. Thus, a program or subprogram which has little or no accessible space is not necessarily inaccessible.

Although the data in Table 25 and Tables 25a-25d cannot be used to ascertain whether program accessibility has been achieved, the information does provide facilities planners with a detailed breakdown of the accessible space on their campuses. This will in turn assist each institution in the determination of the most practical means of achieving program accessibility.

Accessible Area by Summary Programs

Table 25

(Percentages relate to assignable space in each program.)

INSTITUTION	Accessible Sq. Ft.	In- struc- tion 10	Re- search 20	Public Serv. 30	Acad. Spt. 40	Stud. Serv. 50	Inst. Admin. 60	Phys. Plt. Opns. 70	Stud. Fin. Spt. 80	Indep. Opns. 90	Unas- signed 00
<u>Major Research Universities:</u>											
N. C. State U	2,422,654	69.3	66.8	65.6	86.0	39.9	57.4	62.7	-	34.2	17.2
Vet. Med.	195,216	73.8	96.3	99.9	94.5	90.5	15.9	100.0	-	-	100.0
UNC Chap. Hill	2,301,791	75.3	84.1	61.4	78.1	25.6	61.9	73.5	-	49.8	43.8
Health Af.	1,349,941	79.2	65.6	92.7	82.3	100.0	99.7	84.1	-	98.1	70.3
SUBTOTAL	6,269,602	73.3	69.9	75.7	80.8	33.6	60.2	68.5	-	82.9	44.9
<u>Other Doctoral Universities:</u>											
UNC Greensboro	905,847	82.4	99.3	62.6	93.8	24.4	40.1	92.0	-	-	7.5
<u>Comprehensive Universities:</u>											
Appalachian SU	937,360	64.9	87.0	67.3	91.1	30.5	57.7	63.4	-	100.0	86.1
E. Carolina U	818,675	69.5	82.6	100.0	98.0	12.3	55.5	56.0	-	-	66.8
Health Af.	382,241	95.3	100.0	100.0	99.9	44.7	-	11.4	-	-	100.0
N. C. A & T SU	606,736	56.4	54.7	6.4	72.1	21.2	74.8	81.3	-	0.0	0.0
N. C. Central U	302,204	46.9	0.0	100.0	87.8	9.9	7.1	0.0	-	0.0	16.0
UNC Charlotte	1,074,492	98.3	100.0	-	99.9*	66.3	99.9*	100.0	-	-	-
W'n Carolina U	907,274	84.7	98.3	100.0	98.6	41.7	44.2	47.7	-	57.3	42.4
SUBTOTAL	5,028,982	72.8	77.1	87.8	92.0	30.6	55.7	61.0	-	38.9	38.5
<u>Gen. Baccalaureate Universities:</u>											
Elizabeth C. SU	276,697	72.5	-	100.0	98.5	33.5	47.8	100.0	-	-	17.4
Fayetteville SU	202,589	63.8	60.1	10.7	73.2	12.8	74.3	20.4	-	0.0	16.1
Pembroke SU	236,920	78.2	-	100.0	35.2	33.9	58.5	88.7	-	-	1.5
UNC Asheville	251,031	65.4	78.0	100.0	99.4	63.2	57.1	100.0	-	37.3	100.0
UNC Wilmington	335,450	81.3	30.0	-	90.9	23.8	46.7	79.8	-	33.1	76.9
Winst.-Salem SU	244,540	65.1	21.2	80.5	24.8	40.9	8.5	93.9	-	100.0	10.3
SUBTOTAL	1,547,227	71.8	34.0	93.2	72.0	32.0	50.4	70.3	-	33.9	22.2
<u>Specialized Institution:</u>											
NC Sch. of Arts	203,649	88.9	-	100.0	92.7	14.0	51.5	98.8	-	100.0	100.0
<u>Teaching Hospital:</u>											
N. C. Mem. Hosp.	510,540	-	100.0	91.2	-	-	87.8	49.3	-	100.0	87.5
<u>Community Colleges & Tech. Inst./Col.:</u>											
SUBTOTAL	6,479,268	90.0	-	94.7	94.8	95.6	84.8	71.4	-	97.2	65.1
PRIVATE INSTITUTIONS											
<u>Major Research Universities:</u>											
SUBTOTAL	4,469,592	75.9	69.7	87.0	88.8	30.3	35.4	35.0	-	44.7	63.0
<u>Gen. Baccalaureate Colleges:</u>											
SUBTOTAL	3,512,835	51.1	42.8	21.6	65.0	26.4	18.7	35.8	-	21.1	5.2
<u>Junior Colleges:</u>											
SUBTOTAL	751,585	60.7	-	0.0	72.9	37.2	18.9	56.4	-	-	26.0
GRAND TOTAL	29,679,127	74.4	70.1	86.1	83.9	33.5	43.7	56.4	-	58.3	32.0

Accessible Area by Summary Programs

Table 25

(Percentages relate to assignable space in each program.)

INSTITUTION	Accessible Sq. Ft.	In- struc- tion	Re- search	Public Serv.	Acad. Spt.	Stud. Serv.	Inst. Admin.	Phys. Plt. Ops.	Stud. Fin. Spt.	Indep. Ops.	Unas- signed
		10	20	30	40	50	60	70	80	90	00
<u>Community Colleges & Tech. Inst./Col.</u>											
Anson TC	36,702	83.2	-	-	91.6	100.0	100.0	100.0	-	-	-
Asheville-Dun. TC	140,973	72.5	-	-	85.5	100.0	60.4	98.5	-	-	0.0
Beaufort Co. CC	82,679	91.0	-	-	87.4	76.8	99.5	100.0	-	-	100.0
Bladen TC	60,201	94.1	-	-	100.0	100.0	88.6	100.0	-	-	100.0
Blue Ridge TC	85,851	92.5	-	-	100.0	99.4	97.9	100.0	-	-	-
Brunswick TC	41,237	72.4	-	-	100.0	91.2	75.7	100.0	-	-	45.7
Caldwell CC & TI	113,275	85.8	-	100.0	100.0	98.1	100.0	100.0	-	-	-
Cape Fear TI	142,056	90.1	-	100.0	100.0	91.6	98.7	-	-	0.0	0.0
Carteret TC	105,762	92.1	-	75.1	91.0	92.4	100.0	50.3	-	100.0	100.0
Catawba Vy. TC	116,523	67.0	-	100.0	100.0	100.0	48.5	-	-	-	100.0
C. Carolina TC	91,439	96.7	-	-	97.9	99.8	99.3	89.9	-	-	-
C. Piedmont CC	709,421	92.9	-	100.0	94.1	100.0	96.1	0.0	-	-	-
Cleveland TC	113,077	95.5	-	-	100.0	100.0	100.0	53.4	-	-	84.7
Coastal Car. CC	147,011	100.0	-	-	100.0	100.0	100.0	100.0	-	-	100.0
Col. Albemarle	85,955	99.8	-	100.0	100.0	100.0	100.0	100.0	-	-	-
Craven CC	89,633	99.1	-	100.0	100.0	100.0	100.0	-	-	-	-
Davidson Co. CC	144,612	100.0	-	-	99.1	98.8	99.6	100.0	-	-	-
Durham TI	123,480	96.9	-	37.0	100.0	80.5	94.5	32.1	-	-	0.0
Edgecombe TC	67,100	72.3	-	-	72.2	96.1	100.0	68.7	-	100.0	-
Fayetteville TI	203,150	91.7	-	-	96.1	96.7	74.4	20.4	-	-	100.0
Forsyth TI	176,521	96.2	-	-	98.6	98.2	97.2	100.0	-	-	-
Gaston Col.	179,433	95.8	-	100.0	88.8	95.5	64.1	100.0	-	100.0	100.0
Guilford TCC	213,381	57.4	-	100.0	90.9	83.5	66.2	0.0	-	-	100.0
Halifax CC	59,844	95.3	-	-	100.0	100.0	96.3	79.2	-	-	-
Haywood TC	135,872	84.3	-	-	91.7	100.0	100.0	100.0	-	100.0	100.0
Isothermal CC	110,541	88.1	-	100.0	20.8	78.8	87.2	100.0	-	-	-
J. Sprunt TC	69,988	92.1	-	-	97.1	92.4	76.0	65.3	-	-	-
Johnston TC	102,843	99.7	-	-	100.0	100.0	86.4	100.0	-	-	19.9
Lenoir CC	140,382	98.8	-	100.0	99.8	98.1	100.0	100.0	-	-	8.8
Martin CC	104,643	99.0	-	100.0	98.6	98.4	91.2	84.3	-	47.9	-
Mayland TC	31,356	97.3	-	-	100.0	100.0	100.0	-	-	-	-
McDowell TC	45,360	85.3	-	-	100.0	96.7	94.1	100.0	-	-	-
Mitchell CC	103,125	84.0	-	-	90.3	55.3	69.4	0.0	-	27.2	70.5
Montgomery TC	42,966	99.6	-	-	97.9	100.0	99.1	-	-	-	-
Nash TC	63,500	80.9	-	-	92.0	100.0	85.9	100.0	-	100.0	97.0
Pamlico TC	27,496	99.9	-	100.0	100.0	100.0	98.2	0.0	-	-	-
Piedmont TC	81,905	95.3	-	99.0	100.0	100.0	99.0	100.0	-	-	100.0
Pitt CC	99,257	87.9	-	-	98.4	80.6	84.9	100.0	-	-	86.4
Randolph TC	120,438	100.0	-	-	100.0	100.0	100.0	100.0	-	-	-
Richmond TC	76,532	89.3	-	-	90.8	82.3	100.0	0.0	-	-	-
Roanoke-Chd. TC	58,112	82.7	-	-	100.0	97.9	91.5	88.7	-	-	-
Robeson TC	88,904	96.1	-	-	82.0	92.4	99.7	100.0	-	-	100.0
Rockingham CC	146,076	90.1	-	-	100.0	99.8	99.8	100.0	-	100.0	100.0
Rowan TC	131,762	98.5	-	-	92.6	100.0	89.7	100.0	-	-	-
Sampson TC	50,960	92.5	-	-	100.0	81.8	98.9	-	-	-	100.0
Sandhills CC	133,291	93.8	-	-	99.8	97.2	56.6	94.3	-	-	-
Southeastern CC	87,480	77.1	-	100.0	71.8	82.1	90.9	100.0	-	-	-
Southwestern TC	78,439	100.0	-	-	100.0	100.0	98.3	0.0	-	-	100.0
Stanly TC	51,853	99.1	-	100.0	100.0	100.0	60.3	-	-	-	0.0
Surry CC	114,616	90.2	-	100.0	100.0	97.4	96.1	100.0	-	-	100.0
TC Alamance	92,799	99.7	-	-	100.0	100.0	90.2	100.0	-	-	-
Tri-County CC	61,832	98.9	-	-	79.9	100.0	73.8	-	-	-	100.0
Vance-Granville CC	76,117	94.2	-	100.0	100.0	96.3	44.7	100.0	-	-	-
Wake TC	159,580	89.5	-	0.0	98.2	83.5	72.9	55.0	-	-	65.7
Wayne CC	121,096	90.2	-	-	88.5	98.2	93.5	100.0	-	-	-
W. Piedmont CC	87,792	97.4	-	100.0	90.9	99.7	100.0	4.7	-	-	-
Wilkes CC	144,153	98.7	-	-	100.0	89.7	99.6	100.0	-	96.8	-
Wilson Co. TI	108,886	100.0	-	100.0	100.0	100.0	83.4	100.0	-	-	-
TOTAL	6,479,268	90.0	-	94.7	94.8	95.6	84.8	71.4	-	97.2	65.1

Instruction, Research & Public Service Subprograms

Table 25a

(Percentages relate to assignable space in each subprogram.)

INSTITUTION	Gen'l Acad. Instr.	Voc. Tech. Instr.	Prep. Remed. Instr.	Gen'l Studies	Occup. Relatd Instr.	Social Roles Instr.	Home & Family Life	Pers. Int. Leis. Instr.
	11	12	13	14	15	16	17	18
<u>Major Research Universities:</u>								
N. C. State U	69.2	-	88.3	-	100.0	-	-	-
Vet. Med.	73.8	-	-	-	-	-	-	-
UNC Chap. Hill	75.2	-	0.0	100.0	100.0	-	-	-
Health Af.	79.5	-	80.4	60.8	100.0	-	-	-
SUBTOTAL	73.2	-	73.3	80.6	100.0	-	-	-
<u>Other Doctoral Universities:</u>								
UNC Greensboro	82.8	-	0.0	-	-	-	-	-
<u>Comprehensive Universities:</u>								
Appalachian SU	66.0	-	-	55.0	-	-	-	-
E. Carolina U	69.5	-	-	-	-	-	-	-
Health Af.	95.3	-	-	-	-	-	-	-
N. C. A & T SU	56.5	-	100.0	0.0	-	-	-	-
N. C. Central U	47.9	-	8.7	-	-	-	-	-
UNC Charlotte	98.3	-	-	-	-	-	-	-
W'n Carolina U	84.5	-	100.0	-	100.0	100.0	-	-
SUBTOTAL	73.3	-	33.6	53.2	100.0	100.0	-	-
<u>Gen. Baccalaureate Universities:</u>								
Elizabeth C. SU	73.7	-	-	0.0	-	-	-	-
Fayettev'le SU	62.7	-	-	100.0	-	-	-	-
Pembroke SU	78.8	-	0.0	-	-	-	-	-
UNC Asheville	65.4	-	-	-	0.0	-	-	-
UNC Wilmington	82.2	-	-	-	0.0	-	-	-
Winst.-Salem SU	64.7	-	83.9	-	-	-	-	-
SUBTOTAL	72.1	-	62.8	63.8	0.0	-	-	-

Instruction, Research & Public Service Subprograms

Table 25a

(Percentages relate to assignable space in each subprogram.)

Inst. & Res. Ctrs.	Indiv. Project Res.	Direct Patient Care	Health Care Svc.	Commu- nity Svc.	Coop. Exten. Svc.	Public Broad Svc.	INSTITUTION
21	22	31	32	33	34	35	
							<u>Major Research Universities:</u>
-	66.8	-	-	93.2	39.0	-	N. C. State U
-	96.3	99.6	100.0	-	-	-	Vet. Med.
69.7	84.3	-	-	74.1	-	0.0	UNC Chap. Hill
62.0	65.8	95.7	97.3	46.6	63.5	-	Health Af.
62.8	70.1	97.3	98.7	84.4	39.0	0.0	SUBTOTAL
							<u>Other Doctoral Universities:</u>
-	99.3	-	-	94.2	0.0	-	UNC Greensboro
							<u>Comprehensive Universities:</u>
-	87.0	-	-	67.3	-	-	Appalachian SU
-	82.6	-	-	100.0	-	-	E. Carolina U
-	100.0	100.0	100.0	100.0	-	-	Health Af.
100.0	52.4	-	-	0.0	18.2	-	N. C. A & T SU
0.0	0.0	-	-	100.0	-	-	N. C. Central U
100.0	100.0	-	-	-	-	-	UNC Charlotte
-	98.3	-	-	100.0	-	-	W'n Carolina U
93.0	76.2	100.0	100.0	81.6	18.2	-	SUBTOTAL
							<u>Gen. Baccalaureate Universities:</u>
-	-	-	-	100.0	-	-	Elizabeth C. SU
-	60.1	-	-	0.0	-	100.0	Fayettev'le SU
-	-	-	-	100.0	-	-	Pembroke SU
100.0	62.0	-	-	100.0	-	-	UNC Asheville
0.0	100.0	-	-	-	-	-	UNC Wilmington
-	21.2	-	-	80.5	-	-	Winst.-Salem SU
7.1	64.2	-	-	93.1	-	100.0	SUBTOTAL

**Instruction, Research & Public Service
Subprograms**

Table 25a

(Percentages relate to assignable space in each subprogram.)

INSTITUTION	Gen'l Acad. Instr.	Voc. Tech. Instr.	Prep. Remed- Instr.	Gen'l Studies	Occup. Relatd Instr.	Social Roles Instr.	Home & Family Life	Pers. Int. Leis. Instr.
	11	12	13	14	15	16	17	18
<u>Specialized Institution:</u>								
NC Sch. of Arts	88.9	-	-	-	-	-	-	-
<u>Teaching Hospital:</u>								
N. C. Mem. Hosp.	-	-	-	-	-	-	-	-
<u>Community Colleges & Tech. Inst./Col.:</u>								
SUBTOTAL	90.6	90.6	87.4	70.5	92.8	100.0	91.5	77.2
PRIVATE INSTITUTIONS								
<u>Major Research Universities:</u>								
SUBTOTAL	76.7	-	5.6	96.1	11.2	-	-	10.3
<u>Gen. Baccalaureate Colleges:</u>								
SUBTOTAL	51.3	0.0	29.3	69.4	0.0	0.0	-	-
<u>Junior Colleges:</u>								
SUBTOTAL	60.4	-	91.1	-	-	-	-	-
GRAND TOTAL	69.6	90.5	64.9	66.3	79.2	97.9	91.5	74.8

Instruction, Research & Public Service Subprograms

Table 25a

(Percentages relate to assignable space in each subprogram.)

Inst. & Res. Ctrs.	Indiv. Project Res.	Direct Patient Care	Health Care Svc.	Commu- nity Svc.	Coop. Exten. Svc.	Public Broad Svc.	INSTITUTION
21	22	31	32	33	34	35	
							<u>Specialized Institution:</u>
-	-	-	-	100.0	-	-	NC Sch. of Arts
							<u>Teaching Hospital:</u>
-	100.0	97.5	87.9	-	-	-	N. C. Mem. Hosp.
							<u>Community Colleges & Tech. Inst./Col.:</u>
-	-	-	-	94.4	100.0	100.0	SUBTOTAL
PRIVATE INSTITUTIONS							
							<u>Major Research Universities:</u>
0.0	69.8	99.0	81.7	40.8	-	100.0	SUBTOTAL
							<u>Gen. Baccalaureate Colleges:</u>
-	42.8	-	-	21.6	-	-	SUBTOTAL
							<u>Junior Colleges:</u>
-	-	-	-	0.0	-	-	SUBTOTAL
51.8	70.5	98.4	84.8	82.5	38.8	16.1	GRAND TOTAL

Instruction, Research & Public Service Subprograms

Table 25a

(Percentages relate to assignable space in each subprogram.)

INSTITUTION	Gen'l Acad. Instr.	Voc. Tech. Instr.	Prep. Remed. Instr.	Gen'l Studies	Occup. Relatd Instr.	Social Roles Instr.	Home & Family Life	Pers. Int. Leis. Instr.	Commu- nity Svc.
	11	12	13	14	15	16	17	18	33
<u>Community Colleges</u> <u>& Tech. Inst./Col.:</u>									
Anson TC	-	82.7	-	-	91.1	-	-	-	-
Ashev'le-Bun. TC	-	72.1	100.0	40.2	100.0	-	-	-	-
Beaufort Co. CC	100.0	90.5	-	100.0	-	-	-	-	-
Bladen TC	-	93.3	-	100.0	-	100.0	100.0	-	-
Blue Ridge TC	-	99.2	-	15.8	100.0	-	-	0.0	-
Brunswick TC	-	71.1	-	-	100.0	-	100.0	-	-
Caldwell CC & TI	69.7	88.8	100.0	-	-	-	-	-	100.0
Cape Fear TI	100.0	93.4	-	86.1	100.0	-	-	0.0	100.0
Carteret TC	-	95.3	0.0	100.0	0.0	-	0.0	0.0	75.1
Catawba Vy. TC	-	64.7	100.0	100.0	-	-	-	100.0	100.0
C. Carolina TC	-	96.3	-	100.0	100.0	-	-	-	-
C. Piedmont CC	96.6	91.7	100.0	-	100.0	-	-	-	100.0
Cleveland TC	-	95.6	-	100.0	93.5	-	-	-	-
Coastal Car. CC	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-
Col. Albemarle	100.0	99.7	100.0	100.0	100.0	-	-	-	100.0
Craven CC**	100.0	99.0	-	100.0	-	-	-	-	-
Davidson Co. CC	100.0	100.0	100.0	100.0	-	-	-	-	-
Durham TI	-	100.0	100.0	100.0	1.6	100.0	-	-	37.0
Edgecombe TC	-	72.2	-	74.1	-	-	-	-	-
Fayettev'le TI	-	91.3	-	100.0	100.0	-	-	-	-
Forsyth TI	-	96.1	100.0	100.0	-	-	-	-	-
Gaston Col.	90.4	97.8	100.0	100.0	100.0	-	-	-	100.0
Guilford TCC	100.0	60.2	100.0	17.7	100.0	-	-	100.0	100.0
Halifax CC	94.5	99.8	52.4	-	100.0	-	-	100.0	-
Haywood TC	-	82.2	-	100.0	92.0	-	-	100.0	-
Isothermal CC**	92.6	89.7	100.0	47.9	48.7	-	100.0	100.0	-
J. Sprunt TC	-	94.0	100.0	27.0	-	-	-	-	-
Johnston TC	-	99.6	-	100.0	-	-	-	-	-
Lenoir CC*	99.7	98.1	-	100.0	100.0	-	-	-	-
Martin CC*	100.0	98.7	-	100.0	-	-	100.0	-	-

*34 (Coop. Exten. Svc.): Lenoir CC - 100.0, Martin CC - 100.0,
Vance-Granville CC - 100.0, Subtotal - 100.0

Instruction, Research & Public Service Subprograms

Table 25a

(Percentages relate to assignable space in each subprogram.)

INSTITUTION	Gen'l Acad. Instr.	Voc. Tech. Instr.	Prep. Remed. Instr.	Gen'l Studies	Occup. Relatd Instr.	Social Roles Instr.	Home & Family Life	Pers. Int. Leis. Instr.	Commu- nity Svc.
	11	12	13	14	15	16	17	18	33
<u>Community Colleges & Tech. Inst./Col.:</u>									
Mayland TC	-	99.8	-	24.2	-	-	-	-	-
McDowell TC	-	87.8	0.0	0.0	100.0	-	-	-	-
Mitchell CC	66.7	100.0	100.0	75.2	100.0	-	-	-	-
Montgomery TC	-	99.6	-	-	-	-	-	-	-
Nash TC	-	78.4	28.4	100.0	100.0	-	100.0	100.0	-
Pamlico TC	-	99.9	100.0	-	-	-	-	-	100.0
Piedmont TC	-	94.8	100.0	100.0	100.0	-	100.0	-	99.0
Pitt CC	90.2	88.9	0.0	62.3	-	-	-	-	-
Randolph TC	-	100.0	-	100.0	100.0	-	-	-	-
Richmond TC	-	89.5	100.0	100.0	68.1	-	-	-	-
Roanoke-Cho. TC	-	81.2	-	100.0	-	-	-	-	-
Robeson TC	-	96.1	-	100.0	-	-	-	-	-
Rockingham CC	86.0	94.9	-	100.0	100.0	-	-	-	-
Rowan TC	-	98.4	-	-	100.0	-	-	-	-
Sampson TC	-	91.2	-	100.0	-	-	-	-	-
Sandhills CC	90.7	97.2	100.0	53.2	0.0	-	-	-	-
Southeastern CC	87.3	77.2	0.0	86.3	-	-	-	-	100.0
Southwestern TC	-	100.0	-	-	-	-	-	100.0	-
Stanly TC**	-	99.1	-	-	100.0	-	-	-	-
Surry CC	78.8	94.9	100.0	-	100.0	-	-	-	100.0
TC Alamance	-	99.7	-	100.0	100.0	-	-	-	-
Tri-County CC	100.0	99.9	-	91.4	-	-	100.0	0.0	-
Vance-Granville CC*	100.0	93.3	-	100.0	100.0	-	-	-	100.0
Wake TC	-	89.3	100.0	100.0	100.0	-	-	-	0.0
Wayne CC	58.9	96.2	100.0	80.7	-	-	-	-	-
W. Piedmont CC	96.9	99.2	-	86.4	100.0	-	-	-	100.0
Wilkes CC	100.0	98.1	-	100.0	-	-	-	100.0	-
Wilson Co. TI	-	100.0	100.0	100.0	100.0	-	100.0	-	100.0
TOTAL	90.6	90.6	87.4	70.5	92.8	100.0	91.5	77.2	94.4

**35 (Public Broad. Svc.): Craven CC - 100.0, Isothermal CC - 100.0,
Stanly TC - 100.0, Subtotal - 100.0

Academic Support Subprograms

Table 25b

(Percentages relate to assignable space in each subprogram.)

INSTITUTION	Libr. Svcs.	Museum & Galleries	Educ. Media Svcs.	Acad. Comput. Spt.	Ancil- lary Spt.	Acad. Admin.	Course & Curr. Devel.	Acad. Pers. Dev.
	41	42	43	44	45	46	47	48
<u>Major Research Universities:</u>								
N. C. State U	98.5	-	87.8	78.4	0.0	63.0	-	-
Vet. Med.	94.3	-	85.3	-	-	97.1	-	-
UNC Chap. Hill	80.7	97.6	96.5	73.8	0.0	60.4	-	-
Health Af.	100.0	-	100.0	76.1	0.0	72.3	98.7	-
SUBTOTAL	85.8	97.6	92.5	77.1	0.0	66.5	98.7	-
<u>Other Doctoral Universities:</u>								
UNC Greensboro	99.9	100.0	94.3	100.0	74.2	0.0	-	-
<u>Comprehensive Universities:</u>								
Appalachian SU	100.0	100.0	100.0	92.4	25.1	71.1	-	-
E. Carolina U	100.0	100.0	100.0	-	100.0	86.2	-	-
Health Af.	100.0	-	100.0	-	100.0	99.6	-	-
N. C. A & T SU	100.0	78.6	100.0	100.0	55.2	58.8	-	-
N. C. Central U	100.0	76.6	84.7	35.4	100.0	53.3	-	-
UNC Charlotte	100.0	100.0	100.0	-	-	99.9	-	-
W'n Carolina U	100.0	100.0	100.0	100.0	97.1	94.6	-	-
SUBTOTAL	100.0	94.3	97.7	78.5	79.2	78.3	-	-
<u>Gen. Baccalaureate Universities:</u>								
Elizabeth C. SU	100.0	100.0	-	100.0	90.4	94.4	-	-
Fayettev'le SU	100.0	85.3	0.0	100.0	0.0	89.2	-	-
Pembroke SU	0.0	100.0	100.0	-	-	64.3	-	-
UNC Asheville	100.0	100.0	100.0	90.8	-	100.0	-	-
UNC Wilmington	94.1	-	-	82.6	-	76.6	-	100.0
Winst.-Salem SU	12.0	0.0	95.1	100.0	16.2	41.2	-	-
SUBTOTAL	73.9	73.6	60.6	94.9	36.9	71.8	-	100.0

Academic Support Subprograms

Table 25b

(Percentages relate to assignable space in each subprogram.)

INSTITUTION	Libr. Svcs.	Museum & Galleries	Educ. Media Svcs.	Acad. Comput. Spt.	Ancil- lary Spt.	Acad. Admin.	Course & Curr. Devel.	Acad. Pers. Dev.
	41	42	43	44	45	46	47	48
<u>Specialized Institution:</u>								
NC Sch. of Arts	100.0	50.4	100.0	-	-	80.6	-	-
<u>Teaching Hospital:</u>								
N. C. Mem. Hosp.	-	-	-	-	-	-	-	-
<u>Community Colleges & Tech. Inst./Col.:</u>								
SUBTOTAL	96.0	97.7	92.9	100.0	89.1	90.6	100.0	100.0
PRIVATE INSTITUTIONS								
<u>Major Research Universities:</u>								
SUBTOTAL	92.8	46.4	97.9	84.7	100.0	80.1	-	-
<u>Gen. Baccalaureate Colleges:</u>								
SUBTOTAL	67.1	76.0	70.5	59.2	22.5	49.9	-	0.0
<u>Junior Colleges:</u>								
SUBTOTAL	78.5	0.0	100.0	59.0	-	42.3	-	-
GRAND TOTAL	87.3	80.4	89.2	81.8	71.6	73.1	98.9	75.8

Academic Support Subprograms

Table 25b

(Percentages relate to assignable space in each subprogram.)

INSTITUTION	Libr. Svcs.	Museum & Galleries	Educ. Media Svcs.	Acad. Comput. Spt.	Ancil- lary Spt.	Acad. Admin.	Course & Curr. Devel.	Acad. Pers. Dev.
	41	42	43	44	45	46	47	48
<u>Community Colleges & Tech. Inst./Col.:</u>								
Anson TC	100.0	-	100.0	-	-	28.8	-	-
Ashev'le-Bun. TC	100.0	-	100.0	-	-	28.0	-	-
Beaufort Co. CC	100.0	-	100.0	-	-	31.2	-	-
Bladen TC	100.0	-	100.0	-	-	100.0	-	-
Blue Ridge TC	100.0	-	100.0	-	-	100.0	-	-
Brunswick TC	100.0	-	-	-	-	100.0	-	-
Caldwell CC & TI	100.0	-	100.0	-	-	100.0	-	-
Cape Fear TI	100.0	-	100.0	-	-	100.0	-	-
Carteret TC	100.0	-	100.0	-	-	37.9	-	-
Catawba Vy. TC	100.0	100.0	100.0	-	-	100.0	-	-
C. Carolina TC	97.3	-	100.0	-	-	100.0	-	-
C. Piedmont CC	99.9	100.0	88.2	-	59.8	100.0	100.0	100.0
Cleveland TC	100.0	100.0	100.0	-	-	100.0	-	-
Coastal Car. CC	100.0	100.0	100.0	-	-	100.0	-	-
Col. Albemarle	100.0	100.0	100.0	-	-	100.0	-	-
Craven CC	100.0	-	100.0	-	-	100.0	-	-
Davidson Co. CC	98.5	-	100.0	100.0	100.0	100.0	-	-
Durham TI	100.0	-	100.0	-	-	100.0	-	100.0
Edgecombe TC	63.2	-	83.5	100.0	-	91.8	100.0	-
Fayettev'le TI	98.2	-	90.0	-	-	96.9	-	-
Forsyth TI	100.0	-	84.0	-	-	100.0	-	-
Gaston Col.	100.0	100.0	100.0	100.0	41.1	100.0	-	-
Guilford TCC	89.5	-	100.0	-	95.7	93.1	-	-
Halifax CC	100.0	-	-	-	-	100.0	-	-
Haywood TC	100.0	-	45.4	-	100.0	100.0	-	-
Isothermal CC	0.0	-	100.0	-	-	100.0	-	-
J. Sprunt TC	100.0	-	0.0	-	-	100.0	-	100.0
Johnston TC	100.0	-	100.0	-	-	100.0	-	-
Lenoir CC	99.7	-	-	-	-	100.0	-	-
Martin CC	100.0	-	-	-	-	88.5	-	-

Academic Support Subprograms

Table 25b

(Percentages relate to assignable space in each subprogram.)

INSTITUTION	Libr. Svcs.	Museum & Galleries	Educ. Media Svcs.	Acad. Comput. Spt.	Ancil- lary Spt.	Acad. Admin.	Course & Curr. Devel.	Acad. Pers. Dev.
	41	42	43	44	45	46	47	48
<u>Community Colleges</u> <u>& Tech. Inst./Col.:</u>								
Mayland TC	100.0	-	-	-	-	100.0	-	-
McDowell TC	100.0	100.0	-	-	-	100.0	-	-
Mitchell CC	99.7	76.0	100.0	-	-	26.4	-	-
Montgomery TC	100.0	100.0	-	-	93.7	100.0	-	-
Nash TC	90.7	-	-	-	-	100.0	-	-
Pamlico TC	100.0	-	100.0	-	-	100.0	-	-
Piedmont TC	100.0	-	100.0	-	100.0	100.0	-	-
Pitt CC	100.0	100.0	100.0	-	95.6	100.0	-	-
Randolph TC	100.0	-	100.0	-	-	100.0	-	-
Richmond TC	89.2	-	100.0	-	-	100.0	-	-
Roanoke-Cho. TC	100.0	-	-	-	-	100.0	-	-
Robeson TC	74.8	-	100.0	-	-	100.0	-	-
Rockingham CC	100.0	100.0	100.0	-	-	100.0	-	-
Rowan TC	100.0	-	100.0	-	-	43.0	-	-
Sampson TC	100.0	-	-	-	-	100.0	-	-
Sandhills CC	99.7	-	100.0	-	-	100.0	-	-
Southeastern CC	67.0	-	100.0	-	-	100.0	-	-
Southwestern TC	100.0	-	100.0	-	-	100.0	-	-
Stanly TC	100.0	-	-	-	-	100.0	-	-
Surry CC	100.0	-	100.0	-	-	100.0	-	-
TC Alamance	100.0	-	100.0	-	100.0	100.0	-	-
Tri-County CC	78.6	-	-	-	-	100.0	-	-
Vance-Granville CC	100.0	-	-	100.0	100.0	100.0	-	-
Wake TC	100.0	-	94.6	100.0	-	92.9	-	-
Wayne CC	92.6	-	61.5	-	-	100.0	-	-
W. Piedmont CC	100.0	-	42.7	-	-	100.0	-	-
Wilkes CC	100.0	100.0	100.0	-	100.0	100.0	-	-
Wilson Co. TI	100.0	-	100.0	-	100.0	100.0	-	-
TOTAL	96.0	97.7	92.9	100.0	89.1	90.6	100.0	100.0

Student Service and Physical Plant Operations Subprograms

Table 25c

(Percentages relate to assignable space in each subprogram.)

INSTITUTION	Stud. Svc. Admin.	Social/ Cultur. Devel.	Coun/ Career Guid.	Finan. Aid Admin.	Student Auxiliary Service	Inter- colleg. Athl.	Stud. Health/ Med. Svc.	Physical Plant Admin.	Build- ing Maint.	Custo- dial Svcs.	Utili- ties	Landscp. Grounds Maint.
	51	52	53	54	55	56	57	71	72	73	74	75
<u>Major Research Universities:</u>												
N. C. State U	100.0	85.4	100.0	0.0	33.0	62.7	98.2	64.2	94.4	19.6	13.1	21.2
Vet. Med.	-	100.0	-	-	90.3	-	-	-	100.0	100.0	-	-
UNC Chap. Hill	0.0	81.6	59.8	0.0	14.4	69.7	96.0	92.3	79.8	62.2	59.5	86.5
Health Af.	100.0	100.0	100.0	100.0	100.0	-	-	-	-	84.1	-	-
SUBTOTAL	44.1	83.7	75.7	5.9	24.8	65.9	96.6	72.4	88.0	66.2	38.1	69.6
<u>Other Doctoral Universities:</u>												
UNC Greensboro	98.9	68.3	50.4	100.0	15.9	-	97.3	90.4	100.0	-	100.0	-
<u>Comprehensive Universities:</u>												
Appalachian SU	32.4	71.7	94.3	100.0	19.3	82.3	99.6	50.5	67.2	100.0	100.0	-
E. Carolina U	0.0	46.4	7.6	80.9	6.6	47.0	-	13.5	72.2	0.0	-	-
Health Af.	-	-	-	-	-	-	44.7	100.0	9.1	-	-	-
N. C. A & T SU	100.0	66.8	100.0	57.4	10.6	28.4	100.0	62.1	100.0	100.0	0.0	100.0
N. C. Central U	0.0	19.5	0.0	0.0	9.5	0.0	0.0	0.0	0.0	0.0	-	0.0
UNC Charlotte	100.0	94.7	100.0	100.0	62.1	93.9	92.2	100.0	100.0	100.0	-	-
W'n Carolina U	100.0	94.8	56.0	100.0	35.9	70.0	42.0	57.7	39.2	100.0	-	-
SUBTOTAL	54.6	65.4	64.2	67.8	24.1	48.3	72.8	50.5	64.4	61.0	88.8	32.3
<u>Gen. Baccalaureate Universities:</u>												
Elizabeth C. SU	-	56.9	100.0	100.0	30.4	0.0	0.0	100.0	100.0	-	-	-
Fayetteville SU	100.0	36.7	100.0	100.0	6.8	37.1	0.0	0.0	0.0	-	-	100.0
Pembroke SU	100.0	73.1	93.9	100.0	17.9	100.0	89.7	68.0	100.0	71.0	-	100.0
UNC Asheville	100.0	82.1	0.0	0.0	66.1	0.0	0.0	100.0	100.0	-	100.0	100.0
UNC Wilmington	79.9	71.1	67.8	100.0	8.4	50.2	0.0	80.3	82.4	-	100.0	0.0
Winst.-Salem SU	0.0	98.1	9.7	0.0	32.1	69.1	0.0	98.7	91.9	-	100.0	-
SUBTOTAL	74.5	68.5	52.4	74.5	23.4	47.7	14.5	83.7	59.1	71.0	100.0	94.8
<u>Specialized Institution:</u>												
NC Sch. of Arts	0.0	69.8	0.0	-	1.7	-	0.0	97.0	100.0	-	-	-
<u>Teaching Hospital:</u>												
N. C. Mem. Hosp.	-	-	-	-	-	-	-	51.1	46.7	-	61.2	-
<u>Community Colleges & Tech. Inst./Col.:</u>												
SUBTOTAL	95.1	89.1	95.2	82.9	98.4	100.0	99.1	57.9	71.6	89.4	-	76.9
PRIVATE INSTITUTIONS												
<u>Major Research Universities:</u>												
SUBTOTAL	42.7	70.6	21.7	50.9	18.5	78.0	96.0	57.2	30.6	70.3	18.7	0.0
<u>Gen. Baccalaureate Colleges:</u>												
SUBTOTAL	44.5	46.8	26.5	34.0	20.2	62.7	45.7	45.4	35.2	10.7	73.6	23.5
<u>Junior Colleges:</u>												
SUBTOTAL	74.1	64.1	71.5	15.4	31.1	58.2	44.0	37.4	64.9	37.4	0.0	100.0
GRAND TOTAL	66.8	64.1	68.8	54.0	25.7	64.2	65.8	61.1	56.9	52.9	43.6	59.9

Student Service and Physical Plant Operations Subprograms

Table 25c

(Percentages relate to assignable space in each subprogram.)

INSTITUTION	Stud. Svc. Admin.	Social/ Cultur. Devel.	Coun/ Career Guid.	Finan. Aid Admin.	Student Auxiliary Service	Inter- colleg. Athl.	Stud. Health/ Med. Svc.	Physical Plant Admin.	Build- ing Maint.	Custo- dial Svcs.	Landscp. Grounds Maint.
	51	52	53	54	55	56	57	71	72	73	75
Community Colleges & Tech. Inst./Col.											
Anson TC	100.0	100.0	-	100.0	100.0	-	-	-	100.0	-	-
Ashev'le-Bun, TC	100.0	100.0	100.0	100.0	100.0	-	-	96.6	100.0	100.0	-
Beaufort Co. CC	100.0	65.5	100.0	100.0	100.0	-	-	-	100.0	-	-
Bladen TC	100.0	100.0	100.0	-	100.0	-	-	-	100.0	-	-
Blue Ridge TC	100.0	99.2	100.0	100.0	100.0	-	-	-	100.0	-	-
Brunswick TC	100.0	-	100.0	100.0	88.3	-	-	-	100.0	-	-
Caldwell CC & TI	-	100.0	69.5	-	100.0	-	-	100.0	100.0	-	100.0
Cape Fear TI	100.0	100.0	100.0	100.0	83.5	-	-	-	-	-	-
Carteret TC	100.0	76.9	100.0	100.0	100.0	-	-	100.0	0.0	-	-
Catawba Vy. TC	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-
C. Carolina TC	100.0	100.0	100.0	100.0	100.0	-	87.8	89.9	-	-	-
C. Piedmont CC	100.0	100.0	100.0	100.0	100.0	-	-	0.0	0.0	0.0	0.0
Cleveland TC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	33.2	-	100.0
Coastal Car. CC	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	-	-
Col. Albemarle	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	-	-
Craven CC	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-
Davidson Co. CC	100.0	95.6	100.0	100.0	100.0	-	100.0	100.0	100.0	-	-
Durham TI	100.0	49.7	100.0	-	80.5	-	-	100.0	26.8	100.0	0.0
Edgecombe TC	100.0	100.0	59.0	0.0	100.0	-	-	-	80.4	0.0	-
Fayettev'le TI	100.0	93.0	100.0	-	100.0	-	100.0	-	0.0	100.0	-
Forsyth TI	100.0	100.0	100.0	100.0	97.0	-	-	100.0	100.0	-	-
Gaston Col.	100.0	92.0	100.0	100.0	98.8	-	100.0	-	100.0	-	-
Guilford TCC	100.0	83.1	76.5	100.0	84.0	-	-	-	0.0	-	-
Halifax CC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	78.1	-	-
Haywood TC	100.0	-	100.0	100.0	100.0	-	-	100.0	100.0	100.0	100.0
Isothermal CC	100.0	44.3	100.0	-	96.6	-	-	100.0	100.0	100.0	-
J. Sprunt TC	74.4	84.5	100.0	100.0	100.0	-	-	-	65.3	-	-
Johnston TC	100.0	-	100.0	100.0	100.0	-	-	100.0	-	100.0	-
Lenoir CC	100.0	100.0	100.0	100.0	96.1	100.0	-	-	100.0	-	100.0
Martin CC	53.7	100.0	100.0	100.0	100.0	-	-	26.7	100.0	-	-
Mayland TC	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-
McDowell TC	100.0	-	100.0	100.0	95.8	-	-	-	100.0	-	100.0
Mitchell CC	100.0	23.4	100.0	47.4	89.2	-	-	-	0.0	-	-
Montgomery TC	100.0	100.0	100.0	100.0	100.0	-	-	-	-	-	-
Nash TC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	-	-
Pamlico TC	100.0	-	100.0	-	100.0	-	-	-	0.0	-	-
Piedmont TC	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	-	-
Pitt CC	32.0	-	100.0	29.7	100.0	-	-	-	100.0	100.0	-
Randolph TC	100.0	100.0	100.0	100.0	100.0	-	-	-	100.0	-	-
Richmond TC	100.0	100.0	100.0	100.0	80.1	-	100.0	-	0.0	-	-
Roanoke-Choc. TC	100.0	100.0	100.0	100.0	96.6	-	-	-	0.0	0.0	100.0
Robeson TC	100.0	87.2	100.0	100.0	100.0	-	-	-	100.0	-	-
Rockingham CC	100.0	100.0	100.0	100.0	99.3	-	-	100.0	100.0	-	100.0
Rowan TC	100.0	-	100.0	100.0	100.0	-	-	-	100.0	-	-
Sampson TC	100.0	0.0	100.0	100.0	100.0	-	-	-	-	-	-
Sandhills CC	100.0	76.0	100.0	100.0	99.9	-	-	0.0	96.5	-	-
Southeastern CC	100.0	92.7	0.0	0.0	100.0	-	-	100.0	100.0	-	-
Southwestern TC	100.0	100.0	100.0	100.0	100.0	-	-	-	0.0	-	-
Stanly TC	100.0	100.0	100.0	-	100.0	-	-	-	-	-	-
Surry CC	100.0	89.3	100.0	100.0	100.0	-	-	100.0	100.0	-	-
TC Alamance	100.0	100.0	100.0	100.0	100.0	-	-	100.0	100.0	-	-
Tri-County CC	100.0	-	100.0	100.0	100.0	-	-	-	-	-	-
Vance-Granv'le CC	100.0	49.4	97.9	-	96.8	-	-	-	100.0	-	-
Wake TC	100.0	76.3	90.5	23.9	85.7	-	100.0	5.4	82.9	-	38.0
Wayne CC	100.0	-	100.0	100.0	97.3	-	100.0	-	100.0	-	-
W. Piedmont CC	95.0	100.0	100.0	100.0	100.0	-	100.0	100.0	0.0	-	0.0
Wilkes CC	100.0	86.7	100.0	100.0	100.0	-	-	100.0	100.0	100.0	-
Wilson Co. TI	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0	-	-
TOTAL	95.1	89.1	95.2	82.9	98.4	100.0	99.1	57.9	71.6	89.4	76.9

Institutional Administration, Independent Operations & Unassigned Subprograms

Table 25d

(Percentages relate to assignable space in each subprogram.)

INSTITUTION	Exec. Mgmt.	Fin. Mgmt. & Opns.	Gen. Adm. Log. Svc.	Admin. Comput. Spt.	Fac/Staff Aux Svcs.	Public Rela/ Devel.	Stud. Recruit. Admiss.	Stud. Recd.	Indep. Opns. Inst.	Indep. Opns. Ext. Agency	Unassigned	
	61	62	63	64	65	66	67	68	91	92	Usable	Unusable
<u>Major Research Universities:</u>												
N. C. State U	19.6	25.3	68.4	100.0	27.6	0.0	100.0	100.0	24.5	43.6	1.8	32.2
Vet. Med.	-	-	15.9	-	-	-	-	-	-	-	100.0	-
UNC Chap. Hill	16.3	61.2	81.4	89.6	0.0	7.3	50.0	100.0	29.9	89.9	75.3	29.4
Health Af.	-	-	99.3	-	100.0	100.0	100.0	100.0	98.1	98.3	64.7	95.4
SUBTOTAL	17.2	44.1	75.6	93.6	7.6	7.0	71.2	100.0	82.2	86.5	50.6	38.5
<u>Other Doctoral Universities:</u>												
UNC Greensboro	84.9	100.0	35.7	0.0	0.0	2.2	97.0	-	-	-	65.9	0.5
<u>Comprehensive Universities:</u>												
Appalachian SU	94.0	100.0	47.3	97.0	35.2	100.0	100.0	100.0	-	100.0	86.8	86.1
E. Carolina U	61.0	47.9	44.7	85.8	7.2	69.4	100.0	100.0	-	-	84.7	0.0
Health Af.	-	-	-	-	-	-	-	-	-	-	100.0	-
N. C. A & T SU	78.2	91.6	88.2	100.0	34.2	91.8	100.0	100.0	-	0.0	0.0	0.0
N. C. Central U	0.0	0.0	9.9	0.0	12.4	0.0	0.0	0.0	-	0.0	4.5	21.1
UNC Charlotte	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-
W'n Carolina U	94.4	100.0	69.5	100.0	9.0	70.0	75.1	100.0	-	57.3	100.0	40.8
SUBTOTAL	75.9	80.8	57.2	81.2	23.2	73.1	79.8	89.8	-	38.9	38.7	38.3
<u>Gen. Baccalaureate Universities:</u>												
Elizabeth C. SU	99.3	85.0	85.4	100.0	11.3	70.7	0.0	100.0	-	-	38.5	12.8
Fayetteville SU	100.0	100.0	86.0	-	21.3	100.0	100.0	100.0	0.0	0.0	16.1	-
Penbroke SU	100.0	100.0	20.0	0.0	91.1	100.0	31.4	100.0	-	-	1.6	0.0
UNC Asheville	11.5	35.7	62.9	42.2	30.5	98.6	100.0	94.4	-	37.3	-	100.0
UNC Wilmington	44.5	0.0	84.5	0.0	0.0	10.0	65.6	85.3	-	33.1	100.0	75.6
Winst.-Salem SU	0.0	0.0	14.5	-	17.4	0.0	0.0	0.0	-	100.0	6.0	100.0
SUBTOTAL	66.9	61.3	62.7	16.9	25.5	42.3	41.0	68.4	0.0	34.2	7.7	60.6
<u>Specialized Institution:</u>												
NC Sch. of Arts	27.4	100.0	85.0	-	17.6	40.1	100.0	100.0	-	100.0	100.0	100.0
<u>Teaching Hospital:</u>												
N. C. Mem. Hosp.	51.5	96.8	97.5	100.0	-	-	-	-	-	100.0	87.5	-
<u>Community Colleges & Tech. Inst./Col.:</u>												
SUBTOTAL	92.4	98.5	77.3	95.8	61.0	85.4	100.0	97.9	96.8	97.3	65.0	65.3
PRIVATE INSTITUTIONS												
<u>Major Research Universities:</u>												
SUBTOTAL	82.0	84.7	60.6	90.1	2.2	26.6	48.7	96.0	38.1	94.2	50.1	93.9
<u>Gen. Baccalaureate Colleges:</u>												
SUBTOTAL	39.9	40.9	27.9	37.1	7.8	24.0	36.1	45.3	0.6	29.5	8.9	0.0
<u>Junior Colleges:</u>												
SUBTOTAL	48.5	59.5	52.1	0.0	1.7	39.9	49.2	39.2	-	-	33.5	0.0
GRAND TOTAL	68.1	71.2	59.7	75.1	10.2	34.5	62.2	79.6	53.9	76.8	30.5	33.9

Institutional Administration, Independent Operations & Unassigned Subprograms

Table 25d

(Percentages relate to assignable space in each subprogram.)

INSTITUTION	Exec. Mgmt.	Fin. Mgmt. & Opns.	Gen. Adm. Log. Svc.	Admin. Comput. Spt.	Fac/Staff Aux Svcs.	Public Rela/ Devel.	Stud. Recruit. Admiss.	Stud. Recd.	Indep. Opns. Inst.	Indep. Opns. Ext. Agency	Unassigned	
	61	62	63	64	65	66	67	68	91	92	Usable	Unusable
<u>Community Colleges</u> <u>& Tech. Inst./Col.</u>												
Anson TC	100.0	100.0	100.0	-	-	-	-	-	-	-	-	-
Ashenv'le-Bun. TC	11.6	100.0	63.3	100.0	52.9	-	-	100.0	-	-	0.0	0.0
Beaufort Co. CC	100.0	100.0	100.0	-	93.4	-	100.0	100.0	-	-	-	100.0
Bladen TC	98.1	100.0	74.3	100.0	100.0	100.0	-	100.0	-	-	-	100.0
Blue Ridge TC	97.1	97.5	100.0	-	-	100.0	-	100.0	-	-	-	-
Brunswick TC	100.0	100.0	50.6	-	-	100.0	-	-	-	-	45.7	-
Caldwell CC & TI	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0	-	-	-	-
Cape Fear TI	100.0	100.0	98.8	100.0	88.4	-	-	100.0	-	0.0	0.0	-
Carteret TC	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-	100.0	-	100.0
Catawba Vy. TC	100.0	100.0	23.4	-	100.0	100.0	-	100.0	-	-	100.0	-
C. Carolina TC	97.7	100.0	100.0	-	100.0	-	-	100.0	-	-	-	-
C. Piedmont CC	100.0	100.0	99.4	100.0	54.2	100.0	100.0	100.0	-	-	-	-
Cleveland TC	100.0	100.0	100.0	-	100.0	100.0	100.0	100.0	-	-	84.7	-
Coastal Car. CC	100.0	100.0	100.0	-	100.0	100.0	100.0	100.0	-	-	100.0	-
Col. Albemarle	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-
Craven CC	100.0	100.0	100.0	-	100.0	100.0	-	100.0	-	-	-	-
Davidson Co. CC	100.0	100.0	100.0	100.0	98.6	100.0	100.0	100.0	-	-	-	-
Durham TI	100.0	100.0	91.6	-	73.3	100.0	100.0	100.0	-	-	-	0.0
Edgecombe TC	100.0	100.0	100.0	-	100.0	-	-	100.0	-	100.0	-	-
Fayettev'le TI	100.0	100.0	44.3	75.3	100.0	100.0	100.0	89.4	-	-	100.0	-
Forsyth TI	98.2	100.0	100.0	-	100.0	-	100.0	80.2	-	-	-	-
Gaston Col.	69.5	100.0	48.5	-	100.0	61.7	100.0	100.0	-	100.0	100.0	-
Guilford TCC	98.6	81.9	61.7	100.0	13.6	100.0	100.0	100.0	-	-	100.0	-
Halifax CC	88.9	100.0	97.6	100.0	89.0	-	100.0	100.0	-	-	-	-
Haywood TC	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	-	100.0	100.0	-
Isothermal CC	70.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-
J. Sprunt TC	46.3	88.1	95.5	-	-	58.5	100.0	100.0	-	-	-	-
Johnston TC	94.5	100.0	98.8	100.0	19.2	-	100.0	100.0	-	-	19.9	-
Lenoir CC	100.0	100.0	100.0	-	100.0	-	100.0	100.0	-	-	8.8	-
Martin CC	100.0	93.5	73.1	100.0	78.6	-	-	100.0	-	47.9	-	-
Mayland TC	100.0	100.0	100.0	100.0	-	-	-	100.0	-	-	-	-
McDowell TC	94.4	98.8	94.6	-	0.0	-	-	100.0	-	-	-	-
Mitchell CC	57.5	100.0	56.9	100.0	100.0	0.0	100.0	100.0	-	27.2	81.0	0.0
Montgomery TC	97.3	100.0	100.0	-	-	-	100.0	100.0	-	-	-	-
Nash TC	96.5	100.0	70.0	100.0	100.0	100.0	-	100.0	-	100.0	-	97.0
Pamlico TC	100.0	94.7	100.0	-	-	-	-	100.0	-	-	-	-
Piedmont TC	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-
Pitt CC	95.4	100.0	70.1	-	100.0	0.0	-	96.9	-	-	94.3	0.0
Randolph TC	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	-	-	-	-
Richmond TC	100.0	100.0	100.0	-	-	100.0	-	100.0	-	-	-	-
Roanoke-Chs. TC	98.0	100.0	83.9	100.0	100.0	100.0	-	100.0	-	-	-	-
Robeson TC	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	100.0	-
Rockingham CC	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	-
Ronan TC	100.0	100.0	100.0	100.0	0.0	-	100.0	100.0	-	-	-	-
Sampson TC	95.1	100.0	100.0	100.0	-	-	100.0	100.0	-	-	-	100.0
Sandhills CC	96.0	100.0	97.3	100.0	5.9	100.0	100.0	100.0	-	-	-	-
Southeastern CC	94.3	100.0	100.0	0.0	-	54.7	-	100.0	-	-	-	-
Southwestern TC	100.0	100.0	100.0	-	-	100.0	-	71.9	-	-	100.0	-
Stanly TC	100.0	100.0	21.8	-	-	100.0	100.0	100.0	-	-	0.0	-
Surry CC	97.3	96.7	100.0	-	79.6	-	100.0	100.0	-	-	100.0	-
TC Alamance	98.7	100.0	100.0	-	43.5	100.0	100.0	100.0	-	-	-	-
Tri-County CC	100.0	100.0	58.0	100.0	100.0	-	-	100.0	-	-	100.0	-
Vance-Granv'le CC	100.0	100.0	22.5	-	-	100.0	100.0	96.1	-	-	-	-
Wake TC	100.0	100.0	50.6	100.0	100.0	100.0	100.0	85.2	-	-	0.0	100.0
Wayne CC	100.0	83.2	97.9	69.9	-	100.0	-	100.0	-	-	-	-
W. Piedmont CC	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0	-	-	-	-
Wilkes CC	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	96.8	-	-	-
Wilson Co. TI	100.0	100.0	70.8	-	100.0	100.0	100.0	100.0	-	-	-	-
TOTAL	92.4	98.5	77.3	95.8	61.0	85.4	100.0	97.9	96.8	97.3	65.0	65.3

TABLE 26:
ACCESSIBLE AREA BY ROOM CODES

Table 26 indicates for each of the ten summary room codes the amount and percentage of assignable area which is accessible to mobility impaired persons. It represents an additional source of information which, when viewed in conjunction with Tables 25-25d, creates a detailed profile of the accessible space on a campus.

Although such information can be useful to campus administrators in attempting to insure that all programs are accessible to the mobility impaired, no absolute conclusions can be drawn from the data as to whether program accessibility has been achieved. It is clear, for example, that program accessibility does not require that an institution make all of its classrooms accessible. Instead, the institution can simply insure that courses taken by mobility impaired students be scheduled in rooms which are accessible to them.

Dashes in Table 26 indicate that the institution in question did not have any assignable area under the indicated summary room code. A "0" in the "Sq. Ft." column (with an accompanying "0.0" in the "%" column) indicates that the institution did have assignable area under the indicated summary room code but that none of it was accessible. The chart on page 118 lists all of the room codes which comprise the summary codes used in this table.

Accessible Area by Room Codes

Table 26

(Percentages relate to assignable space under each room code.)

INSTITUTION	Total Accessible Area		Classroom Facilities (100)		Laboratory Facilities (200)		Office Facilities (300)		Study Facilities (400)	
	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%
<u>Major Research Universities:</u>										
N. C. State U.	2,422,654	56.7	172,934	80.9	578,748	70.2	520,898	69.0	157,735	93.6
Vet. Med.	195,216	87.3	7,567	98.0	46,256	89.4	30,513	98.0	12,503	94.2
UNC Chap. Hill	2,301,791	55.7	162,394	73.8	272,039	77.6	463,694	66.8	506,510	77.5
Health Aff.	1,349,941	82.0	49,475	84.6	292,032	68.4	325,291	73.6	65,184	93.3
SUBTOTAL	6,269,602	61.0	392,370	78.5	1,189,075	71.9	1,340,396	69.7	741,932	32.0
<u>Other Doctoral Universities:</u>										
UNC Greensboro	905,847	54.1	133,106	93.0	153,196	94.1	208,861	74.5	139,322	98.2
<u>Comprehensive Universities:</u>										
Appalachian SU	937,360	50.8	107,882	76.6	95,509	72.2	200,355	74.3	105,698	99.5
E. Carolina U.	818,675	43.6	102,199	68.1	181,714	74.4	157,757	65.9	124,985	95.6
Health Aff.	382,241	94.0	33,725	100.0	137,618	99.9	104,257	98.5	37,681	99.6
N. C. A & T SU	606,736	45.2	71,107	60.2	88,879	42.7	143,413	65.5	56,696	91.5
N. C. Central U.	302,204	33.3	54,539	53.8	35,074	45.0	57,882	38.7	97,294	88.5
UNC Charlotte	1,074,492	82.8	83,304	99.2	169,406	98.1	207,644	99.9	103,524	100.0
W'n Carolina U.	907,274	63.8	82,740	86.6	124,400	93.5	161,824	87.3	119,103	100.0
SUBTOTAL	5,028,982	55.2	535,496	74.0	832,600	75.3	1,033,132	75.1	644,981	96.3
<u>Gen. Baccalaureate Universities:</u>										
Elizabeth C. SU	276,697	56.2	23,652	62.0	34,667	66.8	38,878	73.9	30,945	87.7
Fayetteville SU	202,589	40.8	23,549	58.5	42,508	76.1	52,566	74.6	26,227	87.6
Pembroke SU	236,920	54.1	37,099	78.4	29,583	84.6	45,585	78.4	5,864	20.3
UNC Asheville	251,031	71.1	27,733	88.1	31,903	85.7	34,097	70.5	38,419	92.1
UNC Wilmington	335,450	50.7	46,157	89.6	55,881	78.2	69,531	66.5	40,958	98.3
Winst.-Salem SU	244,540	41.8	34,296	52.9	16,207	36.2	28,248	37.8	3,850	13.7
SUBTOTAL	1,547,227	51.1	192,486	70.4	210,749	71.2	268,905	65.8	146,263	71.1
<u>Specialized Institution:</u>										
NC Sch. of Arts	203,649	62.6	14,997	96.1	97,317	95.4	32,406	73.3	16,547	94.5
<u>Teaching Hospital:</u>										
N. C. Mem. Hosp.	510,540	90.2	-	-	160	100.0	137,628	81.8	3,773	100.0
<u>Community Colleges & Tech. Inst./Col.:</u>										
SUBTOTAL	6,479,268	90.4	1,087,360	89.8	2,373,070	90.5	949,353	91.3	536,444	94.8
PRIVATE INSTITUTIONS										
<u>Major Research Universities:</u>										
SUBTOTAL	4,469,592	56.7	188,153	76.1	642,375	80.4	1,046,435	77.4	520,242	91.9
<u>Gen. Baccalaureate Colleges:</u>										
SUBTOTAL	3,512,835	35.1	306,458	45.5	331,404	45.5	400,838	40.6	412,119	62.3
<u>Junior Colleges:</u>										
SUBTOTAL	751,585	43.7	72,115	60.0	71,179	57.6	68,690	54.0	82,616	79.3
GRAND TOTAL	29,679,127	57.3	2,922,541	74.8	5,901,125	77.7	5,486,644	71.2	3,244,239	84.5

Accessible Area by Room Codes

Table 26

(Percentages relate to assignable space under each room code.)

Special Use Facilities (500)		General Use Facilities (600)		Supporting Facilities (700)		Health Care Facilities (800)		Residential Facilities (900)		Unclassified Facilities (000)		INSTITUTION	
Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%		
<u>Major Research Universities:</u>													
214,094	49.1	263,797	71.2	414,347	80.8	10,221	97.7	84,101	8.7	5,779	33.8	N. C. State U	
33,941	67.1	10,582	93.0	4,246	52.2	49,618	99.7	-	-	-	-	Vet. Med.	
270,614	78.5	338,848	74.1	158,473	65.8	19,532	95.2	90,292	8.1	19,395	43.8	UNC Chap. Hill	
50,032	78.4	43,524	93.8	459,794	97.7	60,734	98.1	0	0.0	3,875	78.8	Health Af.	
568,671	63.5	656,751	74.1	1,036,860	84.1	140,105	98.2	174,393	8.4	29,049	43.8	SUBTOTAL	
<u>Other Doctoral Universities:</u>													
41,891	51.1	175,293	61.6	31,697	68.1	10,428	96.0	8,663	1.8	3,390	7.5	UNC Greensboro	
<u>Comprehensive Universities:</u>													
72,123	45.4	240,266	79.1	52,977	58.1	11,921	99.6	43,516	7.0	7,113	84.6	Appalachian SU	
101,061	67.8	112,208	61.8	30,014	54.3	-	-	8,327	1.2	0	0.0	E. Carolina U	
19,235	62.0	8,676	92.7	10,433	65.2	30,616	86.8	-	-	-	-	Health Af.	
109,711	63.2	99,859	64.8	28,887	67.0	4,702	100.0	3,482	1.0	0	0.0	N. C. A & T SU	
4,991	8.3	31,991	29.5	3,034	10.8	0	0.0	14,892	5.8	2,507	19.8	N. C. Central U	
98,947	96.3	181,483	97.4	23,734	100.0	6,162	90.9	200,288	48.8	-	-	UNC Charlotte	
127,006	78.5	120,657	73.9	26,930	65.2	1,960	44.8	135,688	27.0	6,966	40.8	W'n Carolina U	
533,074	63.7	795,140	71.8	176,009	59.0	55,361	83.8	406,603	14.2	16,586	31.5	SUBTOTAL	
<u>Gen. Baccalaureate Universities:</u>													
47,234	76.2	65,012	89.9	11,673	83.4	0	0.0	22,249	15.2	2,387	15.5	Elizabeth C. SU	
13,865	30.5	22,085	31.4	16,587	53.5	0	0.0	4,610	3.2	592	14.4	Fayetteville SU	
48,255	75.9	55,448	81.5	6,094	35.7	2,160	88.8	6,832	6.2	0	0.0	Pembroke SU	
2,386	7.0	49,102	91.2	15,386	82.6	0	0.0	40,814	54.0	11,191	100.0	UNC Asheville	
66,982	63.8	22,923	36.4	15,114	81.1	0	0.0	11,840	6.0	6,064	75.6	UNC Wilmington	
59,625	92.1	61,439	81.6	11,730	63.5	0	0.0	23,239	16.8	5,906	8.1	Winst.-Salem SU	
238,347	63.5	276,009	68.5	76,584	65.0	2,160	14.2	109,584	13.5	26,140	22.0	SUBTOTAL	
<u>Specialized Institution:</u>													
723	9.3	17,970	46.5	17,552	89.7	0	0.0	0	0.0	6,137	100.0	NC Sch. of Arts	
<u>Teaching Hospital:</u>													
1,791	100.0	31,575	91.1	9,984	66.5	322,550	95.2	2,676	88.9	403	100.0	N. C. Mem. Hosp.	
<u>Community Colleges & Tech. Inst./Col.:</u>													
316,101	89.7	609,716	94.2	568,714	86.0	2,816	99.3	772	6.0	34,922	65.8	SUBTOTAL	
PRIVATE INSTITUTIONS													
<u>Major Research Universities:</u>													
223,829	52.8	530,882	71.1	549,797	36.3	622,864	96.1	134,268	8.6	10,747	63.0	SUBTOTAL	
<u>Gen. Baccalaureate Colleges:</u>													
668,595	63.4	921,613	51.0	106,373	32.3	24,385	45.6	338,270	9.4	2,780	2.7	SUBTOTAL	
<u>Junior Colleges:</u>													
112,588	64.4	186,320	61.7	33,844	55.0	4,869	47.1	113,533	16.9	5,831	22.3	SUBTOTAL	
2,705,610	64.3	4,201,269	67.2	2,607,414	60.7	1,185,538	91.9	1,288,762	10.6	135,985	27.7	GRAND TOTAL	

Accessible Area by Room Codes

Table 26

(Percentages relate to assignable space under each room code.)

INSTITUTION	Total Accessible		Classroom Facilities (100)		Laboratory Facilities (200)		Office Facilities (300)		Study Facilities (400)	
	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%
<u>Community Colleges & Tech. Inst./Col.</u>										
Anson TC	36,702	87.4	7,957	100.0	13,476	75.2	4,902	85.5	6,624	100.0
Ashley-Bun. TC	140,973	73.0	34,789	78.5	43,537	63.0	18,524	66.9	9,200	100.0
Beaufort Co. CC	82,679	89.7	15,882	76.1	31,345	100.0	12,364	88.8	7,726	100.0
Bladen TC	60,201	96.1	5,023	100.0	23,080	92.7	7,285	98.5	4,901	100.0
Blue Ridge TC	85,851	94.2	12,500	85.8	44,106	96.6	9,056	84.8	4,517	100.0
Brunswick TC	41,237	72.3	8,425	88.7	19,731	77.4	6,610	100.0	2,336	29.8
Caldwell CC & TI	113,275	91.8	14,272	89.5	33,833	81.3	19,135	97.7	13,069	100.0
Cape Fear TC	142,056	91.5	14,047	91.3	64,333	88.3	26,884	98.6	12,691	100.0
Cartersville TC	105,762	94.7	14,300	88.2	30,868	95.3	7,978	81.4	6,367	100.0
Catawba Vn. TC	116,523	72.0	27,832	96.1	31,539	48.6	21,805	93.5	15,977	100.0
C. Carolina TC	91,439	97.2	15,510	100.0	40,202	95.4	15,128	98.0	7,868	96.9
C. Piedmont CC	709,421	95.5	79,404	96.4	139,448	89.6	72,393	96.4	36,983	100.0
Cleveland TC	113,077	95.6	20,997	92.3	44,280	96.3	18,514	98.8	13,183	100.0
Coastal Car. CC	147,011	100.0	22,863	100.0	64,095	100.0	20,341	100.0	15,624	100.0
Col. Albemarle	85,955	99.9	12,732	100.0	35,627	99.7	14,658	100.0	8,959	100.0
Craven CC	89,633	99.4	17,506	100.0	37,780	98.7	12,988	99.6	14,418	100.0
Davidson Co. CC	144,612	99.7	29,685	100.0	41,858	100.0	23,043	100.0	15,832	98.4
Durham TC	123,480	88.2	24,857	97.4	55,299	96.6	23,372	91.5	6,166	100.0
Edgecombe TC	67,100	76.5	12,385	57.8	25,370	79.8	12,000	85.2	3,568	58.4
Fayetteville TC	203,150	90.1	51,157	98.0	65,069	90.6	37,584	89.9	11,655	98.2
Forsyth TC	176,521	96.8	27,613	100.0	78,998	94.3	27,333	99.1	15,812	100.0
Gaston Col.	179,433	93.1	35,244	93.8	78,681	96.9	28,890	93.9	9,772	100.0
Guilford TC	213,381	64.8	37,030	64.0	66,308	53.1	41,328	85.4	29,548	90.1
Halifax CC	59,844	95.8	9,057	83.0	26,162	100.0	8,323	98.5	8,196	100.0
Haywood TC	135,872	88.0	12,039	80.2	79,401	95.5	13,811	94.0	5,866	100.0
Isothermal CC	110,541	81.6	18,727	85.7	36,423	83.5	15,466	89.0	1,432	12.3
J. Sprunt TC	69,988	90.1	9,975	91.3	33,603	96.2	13,111	77.5	4,336	100.0
Johnston TC	102,843	98.1	22,430	100.0	49,327	99.5	12,112	99.1	4,880	100.0
Lenoir CC	140,382	97.2	26,314	94.4	42,788	97.2	19,040	97.0	16,275	98.7
Martin CC	104,643	97.7	15,634	100.0	43,805	99.5	11,156	87.9	13,448	100.0
Mayland TC	31,356	98.1	6,267	95.5	11,727	99.6	6,224	95.9	3,226	100.0
McDowell TC	45,360	88.7	9,196	80.0	19,819	87.8	7,349	91.8	4,962	100.0
Mitchell CC	103,125	78.0	20,976	84.3	38,920	93.3	13,590	67.6	14,223	100.0
Montgomery TC	42,966	99.4	5,370	100.0	21,084	99.8	6,342	98.1	3,016	100.0
Nash TC	63,500	85.5	16,437	89.5	21,637	75.9	9,881	92.0	3,325	94.1
Pamlico TC	27,496	95.7	4,841	100.0	11,183	100.0	4,095	98.3	3,916	100.0
Piedmont TC	81,905	97.3	10,731	96.1	25,820	94.1	12,218	99.5	6,684	100.0
Pitt CC	99,257	88.6	21,534	83.4	43,877	96.0	13,309	68.3	5,401	100.0
Randolph TC	120,438	100.0	12,227	100.0	51,635	100.0	18,740	100.0	12,034	100.0
Richmond TC	76,532	87.7	10,498	73.5	39,019	95.5	12,486	93.0	6,246	85.0
Roanoke-Choc. TC	58,112	87.1	9,915	76.4	21,748	88.6	8,764	84.9	6,099	100.0
Robeson TC	88,904	95.4	13,239	88.5	42,586	98.4	11,451	95.8	3,844	73.3
Rockingham CC	146,076	93.4	21,619	93.5	41,979	95.0	21,190	99.5	14,622	100.0
Rowan TC	131,762	97.4	28,101	99.3	44,077	97.7	15,812	91.1	15,798	100.0
Sampson TC	50,960	93.3	8,726	88.5	23,512	98.0	9,743	91.4	3,232	100.0
Sandhills CC	133,291	91.7	21,838	96.7	46,747	97.9	21,153	87.1	11,379	100.0
Southeastern CC	87,480	78.7	15,083	64.8	32,052	88.0	8,522	51.4	6,125	69.8
Southwestern TC	78,439	96.3	13,608	100.0	31,596	100.0	12,600	80.9	8,368	100.0
Stanly TC	51,853	85.7	18,469	100.0	15,961	99.6	10,001	94.6	3,684	100.0
Surry CC	114,616	93.0	11,865	60.5	39,655	100.0	13,425	96.6	11,261	100.0
TC Alamance	92,799	99.1	19,326	100.0	36,468	99.5	13,302	99.8	7,863	100.0
Tri-County CC	61,832	95.6	13,397	97.5	35,759	99.6	5,567	95.5	4,167	81.4
Vance-Granville CC	76,117	87.2	14,359	86.0	30,554	97.7	13,655	96.1	6,592	100.0
Wake TC	159,580	85.5	27,257	85.5	56,278	89.9	34,370	93.1	11,426	99.5
Wayne CC	121,096	91.1	26,391	93.0	52,855	90.2	21,442	89.2	6,162	92.5
W. Piedmont CC	87,792	92.0	13,399	99.6	28,773	99.9	16,111	95.9	10,442	100.0
Wilkes CC	144,153	97.1	21,004	97.1	33,478	99.8	17,045	97.7	9,588	100.0
Wilson Co. TC	108,886	98.4	15,501	100.0	53,899	100.0	15,832	97.4	5,530	100.0
TOTAL	6,479,268	90.4	1,087,360	89.8	2,373,070	90.5	949,353	91.3	536,444	94.8

Accessible Area by Room Codes

Table 26

(Percentages relate to assignable space under each room code.)

Special Use Facilities (500)		General Use Facilities (600)		Supporting Facilities (700)		Medical Care Facilities (800)		Residential Facilities (900)		Unclassified Facilities (000)		INSTITUTION
Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	
Community Colleges & Tech. Inst./Col.:												
240	100.0	2,436	100.0	1,067	100.0	-	-	-	-	-	-	Anson TC
14,151	96.6	8,348	96.6	12,424	68.3	-	-	-	-	0	0.0	Asheville-Bun. TC
940	100.0	9,749	76.9	2,873	100.0	-	-	-	-	1,800	100.0	Beaufort Co. CC
698	100.0	13,220	100.0	4,572	89.6	-	-	-	-	1,422	100.0	Bladen TC
4,492	100.0	4,652	99.3	6,528	100.0	-	-	-	-	-	-	Blue Ridge TC
-	-	1,828	91.0	384	28.6	-	-	-	-	1,923	45.7	Brunswick TC
4,648	96.2	2,699	100.0	6,619	100.0	-	-	-	-	-	-	Caldwell CC & TI
3,283	100.0	16,988	91.5	3,830	100.0	-	-	0	0.0	0	0.0	Cape Fear TI
1,275	100.0	21,592	98.1	19,243	98.5	-	-	-	-	4,139	100.0	Carteret TC
4,964	90.1	14,406	100.0	0	0.0	-	-	-	-	-	-	Catawba Vy. TC
3,474	100.0	7,482	100.0	1,638	93.2	137	87.8	-	-	-	-	C. Carolina TC
30,628	90.6	20,993	89.6	329,572	98.2	-	-	-	-	-	-	C. Piedmont CC
1,858	100.0	8,325	100.0	5,688	78.3	-	-	-	-	232	100.0	Cleveland TC
3,510	100.0	14,822	100.0	5,756	100.0	-	-	-	-	-	-	Coastal Car. CC
567	100.0	9,314	100.0	4,098	100.0	-	-	-	-	-	-	Col. Albemarle
1,797	100.0	4,250	100.0	894	100.0	-	-	-	-	-	-	Craven CC
14,670	100.0	12,431	98.5	6,977	100.0	116	100.0	-	-	-	-	Davidson Co. CC
2,212	100.0	6,569	80.8	5,005	59.3	-	-	-	-	0	0.0	Durham TI
1,860	92.9	8,849	98.7	1,962	88.3	1,106	100.0	-	-	-	-	Edgecombe TC
14,780	82.6	14,695	100.0	3,650	34.2	306	100.0	-	-	4,254	100.0	Fayetteville TI
3,212	91.8	20,489	98.0	3,064	100.0	-	-	-	-	-	-	Forsyth TI
2,867	55.0	22,398	95.3	1,302	29.0	279	100.0	-	-	-	-	Gaston Col.
5,452	97.1	27,882	84.3	5,833	27.4	-	-	0	0.0	-	-	Guilford TCC
649	100.0	4,525	98.6	2,932	83.5	-	-	-	-	-	-	Halifax CC
14,314	56.5	7,018	100.0	3,190	100.0	-	-	233	100.0	-	-	Haywood TC
26,029	100.0	10,533	80.7	1,931	100.0	-	-	-	-	-	-	Isothermal CC
-	-	6,200	93.5	2,763	69.3	-	-	-	-	-	-	J. Sprunt TC
9,012	100.0	2,234	96.5	2,695	98.2	-	-	0	0.0	153	19.9	Johnston TC
20,018	99.8	9,271	97.5	6,676	97.0	-	-	-	-	-	-	Lenoir CC
2,622	100.0	12,202	100.0	5,776	88.8	-	-	-	-	-	-	Martin CC
1,204	100.0	2,401	100.0	307	100.0	-	-	-	-	-	-	Mayland TC
-	-	2,982	96.6	1,052	100.0	-	-	-	-	-	-	McDowell TC
1,192	20.7	10,320	55.5	2,037	43.5	-	-	-	-	1,867	82.8	Mitchell CC
1,419	92.3	4,463	100.0	1,272	100.0	-	-	-	-	-	-	Montgomery TC
-	-	2,744	100.0	3,366	83.1	-	-	-	-	6,110	97.0	Nash TC
465	100.0	2,114	100.0	882	43.2	-	-	-	-	-	-	Pamlico TC
9,822	100.0	13,003	98.9	3,627	100.0	-	-	-	-	-	-	Piedmont TC
5,260	96.4	5,275	100.0	2,545	100.0	-	-	-	-	2,056	86.4	Pitt CC
4,769	100.0	13,647	100.0	7,386	100.0	-	-	-	-	-	-	Randolph TC
390	100.0	7,284	84.3	509	23.4	100	100.0	-	-	-	-	Richmond TC
-	-	5,952	97.8	5,634	84.6	-	-	-	-	-	-	Roanoke-Cho. TC
155	100.0	6,444	100.0	3,965	100.0	-	-	-	-	7,220	100.0	Robeson TC
20,733	76.5	18,381	99.7	6,973	100.0	-	-	-	-	579	100.0	Rockingham CC
3,307	100.0	15,462	95.3	9,205	100.0	-	-	-	-	-	-	Rowan TC
0	0.0	2,289	100.0	1,304	100.0	-	-	-	-	2,154	100.0	Sampson TC
7,917	79.8	17,217	99.9	6,501	97.6	-	-	539	9.7	-	-	Sandhills CC
8,228	98.0	11,872	100.0	5,598	95.9	-	-	-	-	-	-	Southeastern CC
191	100.0	10,276	100.0	1,800	100.0	-	-	-	-	-	-	Southwestern TC
234	100.0	3,278	100.0	226	6.5	-	-	-	-	0	0.0	Stanly TC
18,098	100.0	15,245	97.1	5,067	100.0	-	-	-	-	-	-	Surry CC
4,548	100.0	8,462	100.0	2,830	100.0	-	-	0	0.0	-	-	TC Alamance
-	-	2,142	100.0	800	40.2	-	-	-	-	-	-	Tri-County CC
2,764	100.0	5,814	97.2	2,379	24.4	-	-	-	-	-	-	Vance-Granville CC
3,410	93.6	16,404	86.6	9,094	47.1	328	100.0	-	-	1,013	65.7	Wake TC
1,623	74.6	9,808	97.6	2,644	94.6	171	100.0	-	-	-	-	Wayne CC
2,724	63.3	14,054	100.0	2,235	29.9	54	100.0	-	-	-	-	W. Piedmont CC
20,917	100.0	30,986	90.7	11,135	100.0	-	-	-	-	-	-	Wilkes CC
2,509	100.0	5,997	100.0	9,399	87.7	219	100.0	-	-	-	-	Wilson Co. TI
316,101	89.2	609,716	94.2	568,714	86.0	2,816	99.3	772	6.0	34,922	65.8	TOTAL

Institutional Index

Institution	Type*	FICE Code	County	City	Congr. Dist.**
Anson Technical College	1-3	007985	Anson	Ansonville 28007	08
Appalachian State University	1-2	002906	Watauga	Boone 28608	10
Asheville-Buncombe TC	1-3	004033	Buncombe	Asheville 28801	11
Atlantic Christian College	2-2	002908	Wilson	Wilson 27893	02
Barber-Scotia College	2-2	002909	Cabarrus	Concord 28025	08
Beaufort County CC	1-3	008558	Beaufort	Washington 27889	01
Belmont Abbey College	2-2	002910	Gaston	Belmont 28012	10
Bennett College	2-2	002911	Guilford	Greensboro 27420	06
Bladen Technical College	1-3	007987	Bladen	Dublin 28332	03
Blue Ridge Technical College	1-3	009684	Henderson	Flat Rock 28731	11
Bowman Gray Sch. of Medicine	2-2		Forsyth	Winston-Salem 27103	05
Brevard College	2-3	002912	Transylvania	Brevard 28712	11
Brunswick Technical College	1-3	029275	Brunswick	Supply 28462	07
Caldwell CC & TI	1-3	004835	Caldwell	Hudson 28638-1399	10
Campbell University	2-2	002913	Harnett	Buie's Creek 27506	03
Cape Fear Technical Institute	1-3	005320	New Hanover	Wilmington 28401	07
Carteret Technical College	1-3	008081	Carteret	Morehead City 28557	01
Catawba College	2-2	002914	Rowan	Salisbury 28144	08
Catawba Valley TC	1-3	005318	Catawba	Hickory 28601	10
Central Carolina TC	1-3	005449	Lee	Sanford 27330	03
Central Piedmont CC	1-3	002915	Mecklenburg	Charlotte 28204	09
Chowan College	2-3	002916	Hertford	Murfreesboro 27855	01
Cleveland Technical College	1-3	008082	Cleveland	Shelby 28150	10
Coastal Carolina CC	1-3	008084	Onslow	Jacksonville 28540	03
College of the Albemarle	1-3	002917	Pasquotank	Elizabeth City 27909	01
Craven Community College	1-3	008086	Craven	New Bern 28560	01
Davidson College	2-2	002918	Mecklenburg	Davidson 28036	09
Davidson County CC	1-3	002919	Davidson	Lexington 27292	06
Duke University	2-1	002920	Durham	Durham 27706	02
Duke Medical Center	2-2		Durham	Durham 27706	02
Durham Technical Institute	1-3	005448	Durham	Durham 27703	02
East Carolina University	1-2	002923	Pitt	Greenville 27834	01
ECU-Health Affairs	1-1		Pitt	Greenville 27834	01
Edgecombe Technical College	1-3	008855	Edgecombe	Tarboro 27886	02
Elizabeth City State University	1-2	002926	Pasquotank	Elizabeth City 27909	01
Elon College	2-2	002927	Alamance	Elon College 27244	06
Fayetteville State University	1-2	002928	Cumberland	Fayetteville 28301	07
Fayetteville Technical Institute	1-3	007640	Cumberland	Fayetteville 28303	07
Forsyth Technical Institute	1-3	005317	Forsyth	Winston-Salem 27103	05
Gardner-Webb College	2-2	002929	Cleveland	Boiling Springs 28017	10
Gaston College	1-3	002973	Gaston	Dallas 28034	10
Greensboro College	2-2	002930	Guilford	Greensboro 27420	06
Guilford College	2-2	002931	Guilford	Greensboro 27410	06
Guilford Technical CC	1-3	004838	Guilford	Jamestown 27282	06
Halifax Community College	1-3	007986	Halifax	Weldon 27890	02
Haywood Technical College	1-3	008083	Haywood	Clyde 28721	11
High Point College	2-2	002933	Guilford	High Point 27262	06

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Institution	Type*	FICE Code	County	City	Congr. Dist.**
Isothermal Community College	1-3	002934	Rutherford	Spindale 28160	11
James Sprunt Technical College	1-3	007687	Duplin	Kenansville 28349	03
Johnson C. Smith University	2-2	002936	Mecklenburg	Charlotte 28216	09
Johnston Technical College	1-3	009336	Johnston	Smithfield 27577	03
Lees-McRae College	2-3	002939	Avery	Banner Elk 28604	10
Lenoir Community College	1-3	002940	Lenoir	Kinston 28501	01
Lenoir-Rhyne College	2-2	002941	Catawba	Hickory 28603	10
Livingstone College	2-2	002942	Rowan	Salisbury 28144	08
Louisburg College	2-3	002943	Franklin	Louisburg 27549	04
Mars Hill College	2-2	002944	Madison	Mars Hill 28754	11
Martin Community College	1-3	007988	Martin	Williamston 27892	01
Mayland Technical College	1-3	011197	Mitchell	Spruce Pine 28777	11
McDowell Technical College	1-3	008085	McDowell	Marion 28752	11
Meredith College	2-2	002945	Wake	Raleigh 27607-5298	04
Methodist College	2-2	002946	Cumberland	Fayetteville 28301	07
Mitchell Community College	1-3	002947	Iredell	Statesville 28677	09
Montgomery Technical Institute	1-3	008087	Montgomery	Troy 27371	08
Montreat-Anderson College	2-3	002948	Buncombe	Montreat 28757	11
Mount Olive College	2-2	002949	Wayne	Mount Olive 28365	03
Nash Technical Institute	1-3	008557	Nash	Rocky Mount 27801	02
N. C. A & T State University	1-2	002905	Guilford	Greensboro 27411	06
N. C. Central University	1-2	002950	Durham	Durham 27707	02
N. C. School of the Arts	1-2	003981	Forsyth	Winston-Salem 27107	05
N. C. State University	1-1	002972	Wake	Raleigh 27650	04
NCSU Veterinary School	1-1		Wake	Raleigh 27650	04
N. C. Wesleyan College	2-2	002951	Nash	Rocky Mount 27801	02
Pamlico Technical College	1-3	007031	Pamlico	Grantsboro 28529	01
Peace College	2-3	002953	Wake	Raleigh 27604	04
Pembroke State University	1-2	002954	Robeson	Pembroke 28372	07
Pfeiffer College	2-2	002955	Stanly	Misenheimer 28109	08
Piedmont Bible College	2-2	002956	Forsyth	Winston-Salem 27101	05
Piedmont Technical College	1-3	009646	Person	Roxboro 27573	02
Pitt Community College	1-3	004062	Pitt	Greenville 27834	01
Queens College	2-2	002957	Mecklenburg	Charlotte 28274-0001	09
Randolph Technical College	1-3	005447	Randolph	Asheboro 27203	04
Richmond Technical College	1-3	005464	Richmond	Hamlet 28345	08
Roanoke-Chowan TC	1-3	008613	Hertford	Ahoskie 27910	01
Robeson Technical College	1-3	008612	Robeson	Lumberton 28358	07
Rockingham Community College	1-3	002958	Rockingham	Wentworth 27375	05
Rowan Technical College	1-3	005754	Rowan	Salisbury 28144	08
Sacred Heart College	2-2	002959	Gaston	Belmont 28012	10
Saint Andrews Presbyterian C.	2-2	002967	Scotland	Laurinburg 28352	08
Saint Augustine's College	2-2	002968	Wake	Raleigh 27611	04
Saint Mary's College	2-3	002969	Wake	Raleigh 27603-1689	04
Salem College	2-2	002960	Forsyth	Winston-Salem 27108	05
Sampson Technical College	1-3	007892	Sampson	Clinton 28328	03
Sandhills Community College	1-3	002961	Moore	Southern Pines 28327	03
Shaw University	2-2	002962	Wake	Raleigh 27602	04
Southeastern Community College	1-3	002964	Columbus	Whiteville 28472	07
Southwestern Technical College	1-3	008466	Jackson	Sylva 28779	11
Stanly Technical College	1-3	011194	Stanly	Albemarle 28001	08

Institution	Type*	FICE Code	County	City	Congr. Dist.**
Surry Community College	1-3	002970	Surry	Dobson 27017	05
TC of Alamance	1-3	005463	Alamance	Haw River 27258	06
Tri-County Community College	1-3	009430	Cherokee	Murphy 28906	11
U. of N. C. at Asheville	1-2	002907	Buncombe	Asheville 28814	11
U. of N. C. at Chapel Hill	1-1	002974	Orange	Chapel Hill 27514	04
U. of N. C. at Charlotte	1-2	002975	Mecklenburg	Charlotte 28223	09
U. of N. C. at Greensboro	1-2	002976	Guilford	Greensboro 27412	06
U. of N. C. Health Affairs	1-1		Orange	Chapel Hill 27514	04
U. of N. C. at Wilmington	1-2	002984	New Hanover	Wilmington 28406	07
Vance-Granville Community College	1-3	009903	Vance	Henderson 27536	02
Wake Forest University	2-1	002978	Forsyth	Winston-Salem 27109	05
Wake Technical College	1-3	004844	Wake	Raleigh 27603	04
Warren Wilson College	2-2	002979	Buncombe	Swannanoa 28778	11
Wayne Community College	1-3	002980	Wayne	Goldsboro 27530	03
Western Carolina University	1-2	002981	Jackson	Gulowhee 28723	11
Western Piedmont CC	1-3	002982	Burke	Morganton 28655	10
Wilkes Community College	1-3	002983	Wilkes	Wilkesboro 28697	05
Wilson County TI	1-3	004845	Wilson	Wilson 27893	02
Wingate College	2-2	002985	Union	Wingate 28174	08
Winston-Salem State University	1-2	002986	Forsyth	Winston-Salem 27102	05

*The Type Code in this index indicates the control and level of the institution. Controls are a "1" for public and a "2" for private institutions. The level codes, which follow the dash, are a "1" for doctoral, a "2" for baccalaureate and graduate levels less than doctoral, and a "3" for 2-year institutions.

**Based on 1980 census.

Bibliography

- Collier, Douglas J. Program Classification Structure: Second Edition. Technical Report 106. Boulder: National Center for Higher Education Management Systems, 1978.
- Dahnke, Harold L.; Jones, Dennis P.; Mason, Thomas R.; and Romney, Leonard C. Higher Education Facilities Planning and Management Manuals. Boulder: Western Interstate Commission for Higher Education, 1971.
- National Center for Educational Statistics, U. S. Office of Education. Inventory of Physical Facilities in Institutions of Higher Education, Fall 1974. Washington, D. C.: Government Printing Office, 1977.
- State Commission on Higher Education Facilities. Facilities Inventory and Utilization Manual, 4th ed. Raleigh: UNC-General Administration, 1979.
- The University of North Carolina. Statistical Abstract of Higher Education in North Carolina, 1984-85. Chapel Hill, N. C.: UNC-General Administration, 1985.
- U. S. Office of Education. Federal Support for Higher Education Construction: Current Programs and Future Needs. Washington, D. C.: Government Printing Office, 1969.
- U. S. Office of Education. Facilities Inventory and Classification Manual, 1973. Washington, D. C.: Government Printing Office, 1974.
- Wheeler, Charles L., "Facilities Analysis: A Tool in Strategic Planning," in Using Research for Strategic Planning, New Directions for Institutional Research, no. 37, ed. by N. P. Uhl. San Francisco: Josey-Bass, 1983.
- Wolfsberg, Rolf M. and Richard J. Petersen, The Impact of Section 504 of the Rehabilitation Act of 1973 on American Colleges and Universities: Technical Report. Washington, D. C.: Government Printing Office, 1979.

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